

NOTICE

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KAISER HILL
COMPANY



1996 Groundwater Monitoring at the Present Sanitary Landfill Rocky Flats Environmental Technology Site

Final Report
September 23, 1997



**1996 GROUNDWATER MONITORING
AT THE
PRESENT SANITARY LANDFILL,
ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE**

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ACRONYMS AND ABBREVIATIONS

ANOVA	analysis of variance
CDPHE	Colorado Department of Public Health and Environment
cm/sec	centimeters/second
DOE	U S Department of Energy
EPA	U S Environmental Protection Agency
ft	feet
GMAP	Groundwater Monitoring Assessment Plan
GWAP	Groundwater Assessment Plan
IAG	Interagency Agreement
IHSS	individual hazardous substance sites
IM/IRA	Interim Measure/Interim Remedial Action
L	liter
LEL	lower explosive limit
LHSU	lower hydrostratigraphic unit
mg	milligram
g	microgram
OU7	Operable Unit 7
pCi	picoCurie
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RFI/RI	RCRA Facility Investigation/Remedial Investigation
TDS	total dissolved solids
TSS	total suspended solids
UHSU	upper hydrostratigraphic unit
VOC	volatile organic compound

1.0 INTRODUCTION

This report presents 1996 data for groundwater quality at the Present Sanitary Landfill, Rocky Flats Environmental Technology Site (RFETS). The Present Landfill serves as the solid waste disposal facility for RFETS and is one of three interim status units at RFETS that are regulated under the Resource Conservation and Recovery Act (RCRA). Throughout 1996, groundwater monitoring was conducted in accordance with regulations of the Colorado Department of Public Health and Environment Health (CDPHE), contained in Title 6 of the Colorado Code of Regulations, 6 CCR 1007-2, and 6 CCR 1007-3. These codes pertain to solid-waste disposal sites and facilities, and require a determination of the impact of the Present Landfill on water quality in the uppermost aquifer.

Information compiled for the 1997 Landfill Report includes a review of historical activities at the Present Landfill (Section 2.0), a summary of previous investigations (Section 3.0), the status of the current monitoring program (Section 4.0), the current understanding of the physical characteristics of groundwater flow at the site (Section 5.0), an assessment of groundwater quality (Section 6.0), a summary of methane-gas data (Section 7.0), and general conclusions regarding groundwater quality and the groundwater monitoring program at the Present Landfill at RFETS (Section 8.0).

2.0 OPERATING HISTORY OF THE PRESENT LANDFILL

The Present Landfill began operating August 14, 1968, for the disposal of Rocky Flats sanitary waste. However, records indicated that, prior to 1986, some hazardous waste was disposed of at the landfill, therefore, in 1986, the landfill became classified as a RCRA-regulated unit. Disposal of hazardous constituents in the landfill was halted in November of 1986. The landfill has remained in operation and currently is accepting only nonhazardous solid waste. The following paragraphs provide a brief historical summary of the landfill.

In September 1973, tritium was detected in leachate draining from the landfill. In response to this detection, a sampling program was initiated to determine the location of the tritium source. In addition, radiation monitoring of waste prior to burial was initiated to prevent further disposal of radioactive material, and interim-response measures were undertaken to control the generation and migration of landfill leachate. Interim-response measures included the construction of two ponds (Ponds No. 1 and No. 2, also known as the West Landfill Pond and East Landfill Pond, respectively) immediately east of the landfill, and the installation of a subsurface leachate-collection system and subsurface intercept system for diverting groundwater around the landfill. Ditches were also constructed to control surface water.

The West Landfill Pond embankment was built approximately 500 ft east of the 1974 position of the advancing face of the landfill. The East Landfill Pond embankment was constructed approximately 1,000 ft east of the West Landfill Pond embankment. A cutoff wall, set in bedrock, was constructed in the East Landfill Pond embankment to reduce seepage through the embankment foundation. The embankments and ponds were built to collect and evaporate groundwater, surface water, and leachate collected by the subsurface drainage-control system.

The leachate-collection system and groundwater-intercept/diversion system were constructed around the west, north, and south perimeters of the landfill. The leachate-collection system was

designed to provide a perimeter drain for landfill leachate to prevent migration of leachate and to reduce water levels in the landfill. The groundwater-intercept/diversion system was constructed along the outside edge of the collection system to prevent groundwater from entering the landfill area. Groundwater is diverted from the landfill toward the East Landfill Pond.

Between 1977 and 1981, the leachate-collection trench was buried beneath waste during landfill expansion (DOE, 1996a). The west embankment and West Landfill Pond were removed in 1981, and two slurry walls were constructed, extending from the ends of the north and south groundwater-interceptor ditches. These slurry walls range in depth from 10 ft to 25 ft, and were seated in bedrock.

Sometime after the Present Landfill went into operation in 1968, excess water from the landfill pond was sprayed onto a ridge south of the East Landfill Pond. The sprayed water collected on the roadway and flowed into North Walnut Creek. When this misdirected flow was discovered, the spraying activities were moved to an area north of the landfill pond adjacent to an irrigation ditch. Because the subsequent spray water then collected in local drainage channels and flowed around the landfill pond to the main drainage, the spraying activities were again moved. The final spray location was an area south of the west end of the landfill pond, excess spray water flowed back into the East Landfill Pond.

In 1995 a gravity flow treatment system was constructed to collect contaminated groundwater and leachate flowing from the eastern end of the Present Landfill. The Passive Seep Interception and Treatment System (PSITS) became operational in early 1996 and treats landfill leachate to eliminate FO39-listed wastes prior to discharge into the East Landfill Pond.

The treatment system is composed of a settling basin, bag filters to remove suspended solids and granular activated carbon to remove organic chemical constituents. Besides periodic change-out of the activated carbon and filter bags the system operates in a passive configuration. The effluent is sampled on a quarterly basis and the results are published in the Quarterly Report for the Consolidated Water Treatment Facility and OU7 Passive Seep Interception System.

After groundwater within the landfill discharges to the Landfill Pond, it is retained within the pond, where it evaporates. Subsurface leakage of the pond may also occur, which would recharge the unconsolidated deposits below the landfill pond dam.

Groundwater monitoring was instituted in 1989 in accordance with 6 CCR 1007-2 and 6 CCR 1007-3, *Subsection 265 90(d)*. This report addresses monitoring requirements pertaining to solid-waste disposal sites and facilities (6 CCR 1007-2). Monitoring pertaining to hazardous-waste sites (6 CCR 1007-3) are addressed in the Annual RCRA Groundwater Monitoring Reports (U.S. Department of Energy [DOE], 1990, 1991, 1992a, 1993, 1994, 1995, and 1996). The regulations require that the groundwater monitoring program be capable of determining the impact of a facility on the water quality in the uppermost aquifer. At least one well must monitor groundwater quality upgradient of the RCRA unit, and at least three wells must monitor groundwater quality at the downgradient point-of-compliance of the RCRA unit.

The Annual RCRA Reports for RFETS describe chemical and physical aspects of groundwater (for 1989 through 1995) at the Present Landfill (DOE, 1990, 1991, 1992a, 1993, 1994, 1995, and 1996). The *Phase I RCRA Facility Investigation/Remedial Investigation (RFI/RI) Work Plan for Operable Unit 7 Present Sanitary Landfill* (DOE, 1991) presents additional information regarding construction, operation, regulatory history, and site characterization. Work conducted for Phase I included cone penetrometer testing, soil sampling, and the installation and sampling of additional groundwater monitoring wells.

3.0 SUMMARY OF PREVIOUS INVESTIGATIONS

3.1 Description of Previous Investigations

Annual RCRA Groundwater Monitoring Reports from 1989 through 1996 describe groundwater elevations and flow rates, as well as the results of the groundwater analyses. The sampling and analysis records were maintained in compliance with 6 CCR 1007-3 and 40 CFR 265 94(b). The *Phase I RFI/RI Work Plan for OU7 - Present Sanitary Landfill* (DOE, 1991a) and the Operable Unit 7 Revised Draft Interim Measure/Interim Remedial Action (IM/IRA) Decision Document and Closure Plan (DOE, 1996a) present additional information.

The nature and extent of groundwater contamination at the Present Landfill have been evaluated in previous Annual RCRA Groundwater Monitoring Reports (DOE, 1990, 1991, 1992a, 1993, 1994, 1995, 1996a, 1996b). In 1992, groundwater from surficial deposits within and around the Present Landfill had concentrations of major anions (bicarbonate, chloride, nitrate/nitrite, sulfate), total dissolved solids [TDS], dissolved metals (calcium, chromium, lithium, magnesium, potassium, sodium, and strontium), and radionuclides that were elevated relative to mean background concentrations/activities. Some volatile organic compounds (VOCs) were also detected. The dissolved radionuclides present included americium-241, plutonium-239+240, uranium-233+234, uranium-238, and radium-226. Throughout 1992, concentrations of dissolved metals and radionuclides were only rarely greater than mean background concentrations.

During 1992, VOCs were detected sporadically and infrequently in wells screened in surficial materials of the upper hydrostratigraphic unit (UHSU). In UHSU bedrock, VOCs were detected in groundwater sampled from two wells. Methylene chloride, acetone, and toluene were detected once. The infrequent occurrence of VOCs in the UHSU bedrock indicated that the Present Landfill had not adversely impacted groundwater in UHSU bedrock, even though some contamination of groundwater had occurred in UHSU surficial materials overlying the bedrock.

In 1993, the groundwater chemistry at the Present Landfill appeared generally consistent with water-quality conditions of 1992 (DOE, 1994) The 1993 statistical comparisons of upgradient versus downgradient UHSU groundwater at the Present Landfill indicated statistically significant increases in downgradient concentrations of dissolved metals (calcium, lithium, magnesium, potassium, sodium, and strontium), and major anions (chloride and sulfate) None of the radionuclides or VOCs showed a statistically significant difference in upgradient versus downgradient activities or concentrations, respectively Radionuclide activities and concentrations of VOCs, metals, and anions were notably highest within the landfill and in the area adjacent to Individual Hazardous Substance Sites (IHSSs) located southeast of the landfill, relative to other areas in the vicinity of the Present Landfill In groundwater from UHSU bedrock beneath and downgradient of the landfill, VOCs were detected infrequently, but radionuclides were present at activities higher than mean background

Analysis of 1994 data by analysis of variance (ANOVA) indicated statistically significant differences in upgradient versus downgradient groundwater quality in the total UHSU for radionuclides (uranium-233 + 234 and uranium-238), dissolved metals (calcium, lithium, magnesium, sodium, and strontium), anions (carbonate, chloride, fluoride, and sulfate), and TDS (DOE, 1995) In the UHSU bedrock, there were statistically significant differences in upgradient versus downgradient groundwater quality for dissolved metals (calcium, lithium, magnesium, sodium, and strontium), anions (bicarbonate, chloride, and sulfate), and TDS All VOCs had less than 50-percent quantifiable results

For 1995, statistical comparisons of upgradient versus downgradient UHSU groundwater at the Present Landfill indicated statistically significant increases in levels of dissolved barium, calcium, lithium, magnesium, silicon, sodium, strontium, uranium-233 + 234, and gross beta, as well as bicarbonate, chloride, sulfate, and TDS Activities of total americium-241, plutonium-239 + 240, and tritium did not show statistically significant difference between upgradient and downgradient UHSU groundwater All VOCs were detected in fewer than 50 percent of the samples, so these analytes were not statistically evaluated

Conditions at the Present Landfill in 1995 appeared generally consistent with those of 1994, in 1994 there were 15 inorganic parameters with significant differences in concentrations up and downgradient of the Present Landfill. In 1995, 16 inorganic parameters displayed significant differences. Contaminants detected in monitoring wells southeast of the Present Landfill may be due to an inadequately functioning groundwater-intercept system in this area, emplacement of wastes beyond the limit of the intercept system, or impacts associated with other IHSSs adjacent to the landfill. Organic contaminants appear to be migrating from an upgradient source, perhaps IHSS 174, with a plume that is traversing along and through the southern portion of the Present Landfill.

3.2 Conclusions of Previous Investigations

Results of hydrogeologic investigations of the Present Landfill suggest that the groundwater-intercept system may not completely isolate the landfill from the surrounding groundwater. Hydraulic assessments for specific areas on the west, north, and south sides of the groundwater-intercept system indicate that groundwater may flow into the landfill on the northwest side and possibly the southwest side where the leachate collection system was not completely keyed into bedrock (DOE, 1996a).

Previous reports indicate that the leachate collection trench was buried beneath waste during landfill expansion (DOE, 1996a). Therefore, the clay cutoff wall no longer extends to the surface of the landfill, this would allow groundwater to flow across the clay cutoff wall if the water table were to rise sufficiently. Landfill wastes do not extend to the surface-water interceptor ditch.

An evaluation of groundwater-elevation data for 1991 through 1995 and the hydrologic evaluation data for the OU7 IM/IRA indicate that previous conclusions made regarding the impact of the leachate/groundwater-intercept system are still valid. These conclusions are

- The groundwater-intercept system diverts groundwater away from the west end of the landfill but may not divert all groundwater from the north and south sides of the landfill
- The clay barrier is an effective barrier to groundwater flow in the landfill along the west but it is not completely keyed into bedrock on the northwest and southwest sides. This may allow groundwater to enter the landfill at times

4.0 CURRENT GROUNDWATER MONITORING PROGRAM

The Present Landfill at RFETS currently operates under CDPHE and Environmental Protection Agency (EPA) guidelines for solid waste disposal sites and facilities and accepts only nonhazardous waste. The groundwater-monitoring program was instituted in accordance with the Rocky Flats Cleanup Agreement (RFCA, 1996) and state regulation 6 CCR 1007-2. Recent changes to the site groundwater monitoring program are outlined in the Draft Integrated Monitoring Plan (IMP) (DOE, 1997). This plan includes the monitoring program for the Present Landfill including sampling, analysis, and reporting. Operating procedures are used to specify techniques for sample collection, preservation, shipment, and chain-of-custody control.

A closure plan for the Present Landfill was developed in the IM/IRA decision document (DOE, 1996a), in accordance with the Rocky Flats Cleanup Agreement (RFCA) (RFCA, 1996) and applicable Colorado hazardous-waste regulations. Due to the Present Landfill's position (25) on the Environmental Restoration Ranking (DOE, 1996a) action has been deferred until higher ranked areas are remediated. Post-closure inspection, maintenance, and monitoring of the Present Landfill will be performed in accordance with 6 CCR 1007-3, *Part 265, Subpart G*.

In a letter from CDPHE dated February 13, 1995, DOE received approval to discontinue groundwater monitoring of 27 monitoring wells that lie within the interior of the Present Landfill. These wells were identified as needing abandonment in preparation for a remedial cover that was to be constructed over the main landfill area. Pursuant to a written directive from the Operable Unit 7 (OU7) manager, these 27 wells were eliminated from the monitoring program in the second quarter of 1995. The elimination of these wells makes it no longer possible to construct potentiometric-surface maps and concentration-isopleth maps, the current and future reports will only assess impacts to or from the landfill on the landfill boundaries.

As a result of the deactivation of interior wells in the second quarter of 1995, samples were not collected from all previously active wells at the Present Landfill. For the current report, upgradient wells at the Present Landfill (70093, 70193, 70393, 70493, and 5887) were sampled.

and downgradient wells (4087, 52894, 52994, B206989, 53194, 6687, 76992, and 77392) were also sampled. Table 4-1 shows the hydrostratigraphic unit monitored and material screened for all wells in and near the Present Landfill. Wells 0786, 0886, 6087, 6187, 6287, 6487, 6587, 6887, 7087, 7287, B106089, B206289, B206389, B206489, B206589, B206789, 00393, 71193, 71493, 71693, 71893, 72093, 72293, 72393, and 72493 have been deactivated.

Groundwater elevations for active wells were measured at least quarterly, however, the quarterly collection of groundwater samples was suspended in November, 1996 when the new groundwater monitoring plan was instituted. Groundwater samples were analyzed for radionuclides, volatile organic compounds (VOCs), dissolved metals, and major anions. Table 4-2 lists the analytes collected during monitoring, as well as some additional analytes. Concentrations and spatial distributions of selected analytes are depicted on maps (Figures 4-1 - 4-4). Results of methane-gas monitoring at four groundwater wells (6687, 71693, B106089, 6287) screened within and adjacent to the landfill are presented in Section 7.0. These four wells have since been abandoned as part of the Well Abandonment and Replacement Program (WARP). Well 6687 was replaced by new well 00597 which may be used for methane monitoring in the future. The records of analyses and evaluations are maintained in compliance with 6 CCR 1007-2.

5.0 PHYSICAL CHARACTERISTICS OF THE GROUNDWATER SYSTEM

5.1 Description of the "Uppermost Aquifer"

The "uppermost aquifer" is equivalent to the UHSU as described in recent RFETS reports (EG&G, 1995, 1995a, and 1995b). In the area of the Present Landfill, the UHSU is composed of unconsolidated surficial deposits and weathered bedrock. The unconsolidated deposits consist of Rocky Flats Alluvium, colluvium, and valley-fill alluvium. The Rocky Flats Alluvium and artificial fill (landfilled wastes and soil-cover materials) are present upgradient of and within the landfill, respectively; colluvium and valley-fill alluvium are present downgradient of the Present Landfill. Weathered claystones and weathered sandstones that are in direct hydraulic contact with the overlying surficial deposits, are also considered part of the uppermost "aquifer". The weathered claystones are generally more permeable than unweathered bedrock.

Table 4-1
Groundwater Monitoring Wells at or Near the Present Landfill

Well ID	Screened Unit*	Hydrostratigraphic Unit*	Well Status	Well Classification
0586	Qc	A/L	Active	CERCLA Characterization Well
0686	Qc	A/L	Active	Special Purpose Well
0786	Qc	A/U	Inactive	RCRA Regulatory Well
0886	Ksslt	B/L	Inactive	RCRA Regulatory Well
0986	Kss/Ksslt	B/L	Active	RCRA Characterization Well
1086	Qrt	A/L	Active	RCRA Regulatory Well
4087	Qc	A/L	Active	RCRA Regulatory Well
4187	Ksltss	B/L	Active	RCRA Characterization Well
4287	Qc	A/L	Active	CERCLA Characterization Well
5887	Qrt	A/L	Inactive	RCRA Regulatory Well
6087	Qrt	A/L	Inactive	RCRA Regulatory Well
6187	Qrf	A/L	Inactive	RCRA Regulatory Well
6287	Qat	A/L	Inactive	RCRA Regulatory Well
6487	Qat	A/L	Inactive	RCRA Regulatory Well
6587	Qat/Kclst	A/L	Inactive	RCRA Regulatory Well
6687	Qrt	A/L	Inactive	RCRA Regulatory Well
6887	Qat	A/L	Inactive	RCRA Regulatory Well
7087	Qrt	A/L	Inactive	RCRA Regulatory Well
7187	Qrt	A/L	Active	RCRA Regulatory Well
7287	Qrt	A/L	Inactive	RCRA Regulatory Well
B106089	Qat	A/L	Inactive	RCRA Regulatory Well
B206289	Ksltclst Kclst	B/L	Inactive	RCRA Regulatory Well
B206489	Qrf, Ksltclst	A/L	Inactive	RCRA Regulatory Well
B206589	Kclst	B/L	Inactive	RCRA Regulatory Well
B206689	Ksltclst	B/L	Active	RCRA Regulatory Well
B206789	Kclst	B/L	Inactive	RCRA Regulatory Well

Table 4-1 (continued)
Groundwater-Monitoring Wells at or Near the Present Landfill

Well ID	Screened Unit ^a	Hydrostratigraphic Unit ^b	Well Status ^c	Well Classification
B206889	Ks1clst	B/L	Active	RCRA Regulatory Well
B206989	Ksclst	B/U	Active	RCRA Regulatory Well
B207089	Ksclst/Ks1clst	B/U	Active	RCRA Regulatory Well
B207289	Ks1clst	B/U	Active	RCRA Regulatory Well
76792	Qc	A/U	Active	CERCLA Characterization Well
76992	Qrt	A/L	Active	CERCLA Characterization Well
77392	Qrt	A L	Active	CERCLA Characterization Well
70093	Qrf	A/L	Active	CERCLA Characterization Well
70193	Kcs1t/Ks1t, Ks1tss	B/L	Active	CERCLA Characterization Well
70293	Kss/Ks1t/Kss1t	B/L	Active	CERCLA Characterization Well
70393	Qrt	A L	Active	CERCLA Characterization Well
70493	Ks1clst/Kclst	B L	Active	CERCLA Characterization Well
70593	Ks1t	B/L	Active	CERCLA Characterization Well
70693	Qrf	A L	Active	CERCLA Characterization Well
70893	Ks1t/Kcs1t	B'L	Active	CERCLA Characterization Well
71193	Qaf	A L	Inactive	CERCLA Characterization Well
71493	Qaf	A'U	Inactive	CERCLA Characterization Well
71693	Qat	A L	Inactive	CERCLA Characterization Well
71893	Qaf	A L	Inactive	CERCLA Characterization Well
72093	Qaf	A L	Inactive	CERCLA Characterization Well
72293	Qat	A L	Inactive	CERCLA Characterization Well
72393	Qaf	A L	Inactive	CERCLA Characterization Well
72493	Qat	A L	Inactive	CERCLA Characterization Well
52894	Qrf	A L	Active	CERCLA Characterization Well
52994	Ks1clst	B L	Active	CERCLA Characterization Well
53094	Kcs1t/Ks1tss	B L	Active	CERCLA Characterization Well

Table 4-1 (continued)
Groundwater-Monitoring Wells at or Near the Present Landfill

Well ID	Screened Unit ^a	Hydrostratigraphic Unit ^b	Well Status ^c	Well Classification
53194	Orf	A/U	Active	CERCLA Characterization Well

^a From EG&G's database of well construction details

Qc = Quaternary colluvium
 Qrt = Quaternary Rocky Flats Alluvium
 Qaf = Quaternary artificial fill (including trash)
 Ksslt = Cretaceous sandy siltstone
 Kss = Cretaceous sandstone
 Ksiltss = Cretaceous silty sandstone
 Kclst = Cretaceous clavestone
 Ksliclst = Cretaceous silty clavestone
 Ksclst = Cretaceous sandy clavestone
 Kslt = Cretaceous siltstone
 Kcsit = Cretaceous clayey siltstone
 Ksslt = Cretaceous sandy siltstone

A U = alluvium/upper hydrostratigraphic unit
 B U = bedrock/upper hydrostratigraphic unit
 B L = bedrock/lower hydrostratigraphic unit

^c Active = Well is currently being sampled
 Abandoned = Well was abandoned in 1993 and is no longer sampled
 Inactive = Well is intact but not currently being sampled

Table 4-2
Chemical Constituents Monitored in Groundwater During 1996

Group	Constituents
WATER QUALITY PARAMETERS	BICARBONATE AS CACO ₃ CARBONATE AS CACO ₃ CHLORIDE NITRATE/NITRITE SULFATE TOTAL DISSOLVED SOLIDS
VOLATILE ORGANIC COMPOUNDS	1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE 1,1-DICHLOROPROPENE 1,2,3-TRICHLOROBENZENE 1,2,3-TRICHLOROPROPANE 1,2,4-TRICHLOROBENZENE 1,2-DIBROMOETHANE 1,2-DICHLOROBENZENE 1,2-DICHLOROETHANE 1,2-DICHLOROPROPANE 1,3-DICHLOROBENZENE 1,3-DICHLOROPROPANE 1,4-DICHLOROBENZENE BENZENE BENZENE, 1,2,4-TRIMETHYL- BENZENE, 1,3,5-TRIMETHYL- BROMOBENZENE BROMOCHLOROMETHANE BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM CHLOROMETHANE CIS-1,2-DICHLOROETHENE CIS-1,3-DICHLOROPROPENE CUMENE DIBROMOCHLOROMETHANE DIBROMOMETHANE DICHLORODIFLUOROMETHANE ETHYLBENZENE HEXACHLOROBUTADIENE METHYLENE CHLORIDE N-BUTYLBENZENE

Table 4-2
Chemical Constituents Monitored in Groundwater During 1996

Group	Constituents
VOLATILE ORGANIC COMPOUNDS (continued)	N-PROPYLBENZENE NAPHTHALENE O-CHLOROTOLUENE P-CHLOROTOLUENE P-CYMENE PROPANE, 1,2-DIBROMO-3-CHLORO-STYRENE TERT-BUTYLBENZENE TETRACHLOROETHENE TOLUENE TOTAL XYLEMES TRANS-1,2-DICHLOROETHENE TRANS-1,3-DICHLOROPROPENE TRICHLOROETHENE TRICHLOROFLUOROMETHANE VINYL CHLORIDE
METALS	ALUMINUM ANTIMONY ARSENIC BARIUM BERYLLIUM CADMIUM CALCIUM CESIUM CHROMIUM COBALT COPPER IRON LEAD LITHIUM MAGNESIUM MANGANESE MERCURY MOLYBDENUM NICKEL POTASSIUM SELENIUM SILICON SILVER SODIUM STRONTIUM THALLIUM TIN VANADIUM ZINC

Table 4-2
Chemical Constituents Monitored in Groundwater During 1996

Group	Constituents
RADIONUCLIDES (Dissolved)	ALPHA BETA RA-226 U-234 U-235 U-238
RADIONUCLIDES (Total)	AM-241 PU-238 PU239/40 TRITIUM

Unweathered claystones are not considered as part of the uppermost aquifer, rather they are included as part of the LHSU. Bedrock wells were assigned to a hydrostratigraphic unit based on geochemical data from the well, hydraulic conductivity measurements (where available), and information from borehole logs.

5.2 Potentiometric Surface

Groundwater is present in surficial deposits and artificial fill, and in bedrock sandstones and claystones in the area of the Present Sanitary Landfill. Within landfill wastes, groundwater flows toward the center of the landfill, then flows east toward the face of the landfill. Outside the landfill, groundwater generally flows eastward within saturated UHSU surficial deposits, toward the landfill pond. Near the East Landfill Pond, however, groundwater flows from the north, west, and south toward the pond.

Groundwater elevations are measured at least quarterly, and these elevations in the surficial deposits of the UHSU are characterized by seasonal variations of as much as 10 feet. The water-table elevation is generally lowest in late winter and early spring prior to recharge by snowmelt, and highest during June and July. Groundwater elevations in the weathered bedrock of the UHSU typically show seasonal variations of as much as 15 feet (DOE, 1992).

5.3 Vertical Hydraulic Gradients

Vertical hydraulic gradient is the quotient of the differences in water levels measured concurrently in two adjacent wells, and the vertical distance between the two measuring points, which are specified here as the midpoint of each screened interval. Vertical gradients were calculated at 12 well pairs in 1995. Only two of these pairs remained active for 1996. Examination of historic water level data indicates that hydraulic gradients remain generally consistent over time barring extreme climatic events. Therefore, the 1995 gradient calculations have been presented here to provide a more complete summary (Table 5-1). Wells with overlapping screened intervals were not used to calculate vertical hydraulic gradients.

With one exception (well pair 72393/72093 in the center of the landfill), the calculated vertical gradients were all directed downward. The calculated upward vertical gradient at 72393/72093 was approximately 0.020 to 0.026 for the first three quarters of 1995. Downward vertical gradients ranging from 0.022 to 1.099 were calculated for the remaining well pairs. In general, the magnitudes and directions of gradients measured at the landfill in 1995 were similar to those calculated for 1994.

5.4 Average Linear-Flow Velocities

The average linear groundwater-flow velocity was calculated for three flow-paths in UHSU surficial deposits and three flow-paths in UHSU bedrock in the vicinity of the Present Landfill for 1995. Most of the well pairs used had been deactivated for 1996. However, the variables used in calculating flow velocities (hydraulic conductivity, porosity, and hydraulic gradient) remain effectively constant over time. Hence, the following discussion excerpted from the 1995 report is considered indicative of current conditions in the Present Landfill.

Migration rates for conservative, dissolved constituents approximate the average linear groundwater-flow velocity, however, attenuated, volatile, biodegradable, or redox-sensitive species probably exhibit migration rates less than the average linear groundwater-flow velocity. Table 5-2 presents the calculated average linear velocities of groundwater flow during the first three quarters of 1995.

The values of hydraulic conductivity used for surficial deposits and bedrock of the UHSU are the geometric means of hydraulic-conductivity values for each unit at the Present Landfill, and include results of historic slug tests (DOE, 1994). The value of hydraulic conductivity used for surficial deposits (including landfill wastes) is 1.1×10^{-4} cm/sec. RCRA reports prior to 1993 used a hydraulic-conductivity value of 3.1×10^{-4} to 3.8×10^{-4} cm/sec. The value of hydraulic

Table 5-1
Vertical Hydraulic Gradients at the Present Landfill

Well Pair*	Quarter	Vertical Hydraulic Gradient* (db/dl)	
70093/70193 (A/U to B/U)	1st	0 028	downward gradient
	2nd	0 041	downward gradient
	3rd	0 021	downward gradient
	4th	0 015	downward gradient
70193/70293 (B/U to B/L)	1st	0 124	downward gradient
	2nd	0 196	downward gradient
	3rd	0 172	downward gradient
	4th	0 167	downward gradient
70493/70593 (B/U to B/L)	1st	0 419	downward gradient
	2nd	0 478	downward gradient
	3rd	0 382	downward gradient
	4th	0 412	downward gradient
70693 70893 (A/L to B/L)	1st	0 835	downward gradient
	2nd	1 064	downward gradient
	3rd	0 769	downward gradient
	4th	0 888	downward gradient
72393/72093 (A'U to A/U)	1st	-0 022	upward gradient
	2nd	-0 022	upward gradient
	3rd	0 047	downward gradient
	4th	-0 030	upward gradient
1086/0986 (A/L to B'L)	1st	0 167	downward gradient
	2nd	0 227	downward gradient
	3rd	0 194	downward gradient
	4th	0 180	downward gradient
0786 0886 (A,L to B,L)	1st	0 618	downward gradient
	2nd	0 704	downward gradient
	3rd	0 602	downward gradient
	4th	0 702	downward gradient

Table 5-1 (continued)
Vertical Hydraulic Gradient at the Present Landfill

Well Pair*	Quarter	Vertical Hydraulic Gradient* (db/dl)	
B206989/B207089 (B/U to B/U)	1st	0 072	downward gradient
	2nd	0 059	downward gradient
	3rd	0 080	downward gradient
	4th	0 108	downward gradient

- a A/U = alluvium/upper hydrostratigraphic unit
- B/U = bedrock/upper hydrostratigraphic unit
- B/L = bedrock/lower hydrostratigraphic unit
- b ND = no data - value cannot be calculated due to insufficient data
- dh/dl = hydraulic gradient

Table 5-2
Average Linear Flow Velocities at or Near the Present Landfill

Well Pair	Quarter	dh/dt^a	K (cm/sec) ^b	n^c	v (cm/sec) ^{c,d}	v (ft/yr) ^{c,d}
Alluvium						
B106089/72393	1st	0 001	1.10×10^{-4}	0 1	1.1×10^{-6}	1 14
	2nd	0 0001	1.10×10^{-4}	0 1	1.1×10^{-7}	0 11
	3rd	0 007	1.10×10^{-4}	0 1	7.7×10^{-6}	7 97
	4th	ND	1.10×10^{-4}	0 1	ND	ND
72393/72293	1st	0 044	1.10×10^{-4}	0 1	4.8×10^{-5}	50 12
	2nd	0 043	1.10×10^{-4}	0 1	4.7×10^{-5}	48 98
	3rd	0 046	1.10×10^{-4}	0 1	5.1×10^{-5}	52 40
	4th	ND	1.10×10^{-4}	0 1	ND	ND
72293/0786	1st	0 116	1.10×10^{-4}	0 1	1.3×10^{-4}	132 13
	2nd	0 128	1.10×10^{-4}	0 1	1.4×10^{-4}	145 80
	3rd	0 123	1.10×10^{-4}	0 1	1.4×10^{-4}	140 10
	4th	ND	1.10×10^{-4}	0 1	ND	ND
Bedrock of the UHSU						
70493/B206789 ^e	1st	0 037	5.33×10^{-7}	0 1	2.0×10^{-7}	0 20
	2nd	0 037	5.33×10^{-7}	0 1	2.0×10^{-7}	0 20
	3rd	0 039	5.33×10^{-7}	0 1	2.1×10^{-7}	0 22
	4th	ND	5.33×10^{-7}	0 1	ND	ND
B206789 B206989 ^e	1st	0 077	5.33×10^{-7}	0 1	4.1×10^{-7}	0 42
	2nd	0 077	5.33×10^{-7}	0 1	4.1×10^{-7}	0 42
	3rd	0 084	5.33×10^{-7}	0 1	4.5×10^{-7}	0 46
	4th	ND	5.33×10^{-7}	0 1	ND	ND

Table 5-2 (continued)
Average Linear Flow Velocities at or Near the Present Landfill

Well Pair	Quarter	db/dP^a	K (cm/sec) ^b	n^c	v (cm/sec) ^{c,d}	v (ft/yr) ^{c,d}
B206989/4287*	1st	ND	5.33×10^{-7}	0.1	ND	ND
	2nd	0.012	5.33×10^{-7}	0.1	6.4×10^{-8}	0.07
	3rd	0.013	5.33×10^{-7}	0.1	6.9×10^{-8}	0.07
	4th	ND	5.33×10^{-7}	0.1	ND	ND

* ND = no data value cannot be calculated due to insufficient information or dry well

* Geometric mean of hydraulic conductivity values at the Present Landfill (preliminary results of OU 7 RFI/RD)

n = assumed effective porosity (EG&G 1993)

v = Darcy velocity (average linear groundwater-flow velocity)

= Gradient calculated under non-equilibrium conditions Reported values are given as estimates only

conductivity used for bedrock of the UHSU is 5.33×10^{-7} cm/sec, which is also slightly lower than the value used in reports prior to 1993 (8.9×10^{-7} cm/sec). The assumed effective porosity for all units is 0.1 (DOE, 1991a). In 1995, the calculated flow velocities for groundwater in UHSU surficial materials were similar to those for 1994.

Calculated average linear-flow velocities in fill materials range from approximately 1 foot per year at the west end of the landfill to approximately 160 feet per year at the advancing eastern face of the landfill. Calculated average linear-flow velocities in UHSU bedrock at the Present Landfill ranged from approximately 0.20 feet to 0.22 feet per year beneath the landfill, to approximately 0.07 feet to 0.41 feet per year downgradient of the landfill. The calculated groundwater-flow velocities for UHSU bedrock in 1995 were similar to those reported in the 1994 Annual RCRA Groundwater Monitoring Report (DOE, 1995).

6.0 GROUNDWATER QUALITY IMMEDIATELY DOWNGRADIENT OF THE PRESENT LANDFILL

Statistical comparisons between downgradient and upgradient groundwater data were made using the methodology described in the *1995 Annual RCRA Groundwater Monitoring Report* (DOE, 1996). The assessment of groundwater chemistry at the Present Landfill includes a statistical evaluation of the chemistry of downgradient groundwater with respect to upgradient groundwater, and an evaluation of the spatial distribution of groundwater constituents in and around the landfill.

Analytes were placed into groups based on the percentage of quantified results (detections) obtained from laboratory testing. Meaningful statistical analyses cannot be performed for analytes that are rarely detected. All analytical data are presented in Appendix A of this report.

Table 6-1
Wells Used for Statistical Comparisons at the Present Landfill

Upgradient UHSU	Downdgradient UHSU
5587	4087
70093	52894
70193	B206989
70393	
70494	

6.1 Statistical Comparison of the Chemistry of Upgradient and Downgradient Groundwater

Where possible, analytical data for groundwater monitored upgradient of the Present Landfill were compared statistically to analytical data for groundwater sampled from compliance-boundary wells located downgradient of the Present Landfill. Results of these comparisons were used to evaluate potential contaminant releases from the regulated unit into the uppermost "aquifer". The comparisons between upgradient and downgradient groundwater quality were made using the statistical methodology discussed in the 1995 Annual RCRA Report (DOE, 1996). Due to the reduced frequency of sampling, well deactivations, and lack of water in downgradient wells, the majority of analytes had insufficient data to perform statistical analyses for 1996. Concentration ranges for detected analytes in downgradient wells have been presented in (Table 6-2). Individual concentrations for analytes detected in downgradient wells have also been posted in box charts figures 4-1 through 4-4. All VOC detections both upgradient and downgradient are included.

At the Present Landfill, five wells (5887, 70093, 70193, 70393, and 70493) monitor groundwater chemistry in the UHSU immediately upgradient of the Present Landfill. Of these wells, three are completed in UHSU surficial materials (wells 5887, 70093, and 70393), and two (wells 70193 and 70493) are completed in UHSU bedrock. Three wells located east of the East Landfill Pond embankment have been used to monitor the chemistry of downgradient groundwater in the UHSU (wells 4087, B206989, and B207089). Note that well B207089 has been deactivated. Three additional downgradient wells (52894, 52994, and 53094) were installed in 1994, these wells monitor groundwater in UHSU surficial materials, UHSU bedrock, and LHSU bedrock, respectively. Well B206989 monitors groundwater in the UHSU bedrock and well 4087 monitors groundwater quality in UHSU surficial materials. However, because the dam for the East Landfill Pond depresses the potentiometric surface to the east, well 4087 is frequently dry. All of the well locations are consistent with 6 CCR 1007-2, which allows alternate placement of monitoring wells downgradient of an interim-status facility where existing physical obstacles prevent installation of wells at the boundary.

Table 6-2
Upgradient/Downgradient Concentration Ranges for Infrequently Detected Analytes in
Downgradient Wells

Analyte	Upgradient Concentration Range	Downgradient Concentration Range	Units	Detects/Total Samples Upgradient	Detects/Total Samples Downgradient
Dissolved Metals in UHSU Total (Surficial Materials and Bedrock)					
BARIUM	12 4 - 109	28 4 - 74 6	UG/L	24/24	2/2
CALCIUM	18400 - 189000	39700 - 88500	UG/L	24/24	2/2
CHROMIUM	ND	ND - 15 8	UG/L	0/24	1/2
LITHIUM	5 1 - 28	63 3 - 89	UG/L	18/24	2/2
MAGNESIUM	3610 - 46200	11000 - 25600	UG/L	24/24	2/2
POTASSIUM	522 - 3000	2020 - 5400	UG/L	24/24	2/2
SELENIUM	4 4 - 8 8	22 3 - 23 3	UG/L	9/24	2/2
SODIUM	9090 - 68000	154000 - 181000	UG/L	24/24	2/2
Dissolved Radionuclides in UHSU Total (Surficial Materials and Bedrock)					
ALPHA	0 0194 - 4 297	12 1 - 27 14	PCI/L	20/20	2/2
BETA	0 5251 - 6 592	8 123 - 18 03	PCI/L	20/20	2/2
RA-226	0 033 - 0 296	0 077 - 0 2	PCI/L	19/19	2/2
U-234	0 019 - 1 121	11 39 - 17 34	PCI/L	20/20	2/2
U-235	0 019 - 0 1259	0 6095 - 0 6139	PCI/L	20/20	2/2
U-238	0 018 - 0 534	8 355 - 12 64	PCI/L	20/20	2/2
Total Radionuclides in UHSU Total (Surficial Materials and Bedrock)					
AM-241	0 0013 - 0 0072	0 00383	PCI/L	20/20	1/1
PU-238	0 002 - 0 0036	-0 00037	PCI/L	20/20	1/1
PU-239/240	0 002 - 0 0042	0 003309	PCI/L	20/20	1/1
VOCs in UHSU Total (Surficial Materials and Bedrock)					
CHLOROFORM	0 2 - 0 4	0 2	UG/L	6/24	1/5
Water Quality Parameters in UHSU Total (Surficial Materials and Bedrock)					
BICARBONATE AS CACO ₃	33 1 - 194	189 - 294	MG/L	21/21	2/2
CHLORIDE	2 5 - 11 2	48 5 - 57 8	MG/L	20/21	2/2
SULFATE	2 9 - 489	170 - 301	MG/L	21/21	2/2
TDS	113 - 807	568 - 757	MG/L	21/21	2/2

Table 6-3
Analytes Detected in Monitoring Well 6687

Analyte	Concentration Range	Units	Detection Frequency
Volatile Organic Compounds (VOCs)			
1,1,1-TRICHLOROETHANE	16 - 25	UG/L	4/4
1,1-DICHLOROETHENE	5 - 8	UG/L	4/4
CARBON TETRACHLORIDE	0.7 - 1.0	UG/L	4/4
CHLOROFORM	0.2 - 0.4	UG/L	4/4
TETRACHLOROETHENE	0.9 - 1.0	UG/L	4/4
TRICHLOROETHENE	5 - 8	UG/L	4/4
Metals			
ALUMINUM	85	UG/L	1/2
BARIUM	124 - 174	UG/L	4/4
CALCIUM	74100 - 189000	UG/L	4/4
COPPER	6.8 - 9.6	UG/L	2/2
IRON	19.8	UG/L	1/2
LITHIUM	6.9 - 13.6	UG/L	3/4
MAGNESIUM	17100 - 46200	UG/L	4/4
MANGANESE	12.1	UG/L	1/2
NICKEL	10 - 23.3	UG/L	3/4
POTASSIUM	2110 - 3000	UG/L	4/4
SILICON	12700 - 13300	UG/L	2/2
SODIUM	20900 - 27300	UG/L	4/4
STRONTIUM	609 - 620	UG/L	2/2
THALLIUM	7.2	UG/L	1/2
TIN	21	UG/L	1/2
ZINC	39.5 - 61	UG/L	2/2
Radionuclides			
ALPHA	0.8537 - 1.379	PCI/L	4/4
AM-241	0.001274 - 0.004738	PCI/L	4/4
BETA	1.866 - 4.878	PCI/L	4/4
PU-238	-0.00155 - 0.00167	PCI/L	4/4
PU239/40	-0.00113 - 0.002921	PCI/L	4/4
RA-226	0.09575 - 0.2961	PCI/L	4/4
RA-228	0.318 - 1.254	PCI/L	4/4
TRITIUM	-39 - 12	PCI/L	4/4
U-234	0.1254 - 0.7942	PCI/L	4/4
U-235	-0.0154 - 0.08451	PCI/L	4/4
U-238	0.121 - 0.473	PCI/L	4/4
Water Quality Parameters			
BICARBONATE	47 - 52.9	MG/L	3/3
CHLORIDE	5.3 - 6.4	MG/L	3/3
NITRATE	5.2 - 6.2	MG/L	3/3
SULFATE	200 - 489	MG/L	3/3
TDS	443 - 807	MG/L	3/3

Wells 6687 and 76992 are located along the southern and southeastern perimeter of the landfill respectively Well 77393 is located south of the main access road and was consistently dry in 1996 Well 76992 was also consistently dry Sample results for well 6687 show detectable concentrations for organic compounds 1,1,1-trichloroethane, 1,1-dichloroethene, carbon tetrachloride, chloroform, tetrachloroethene, and trichloroethene The source of these VOCs is believed to be the plume associated with IHSSs upgradient of the landfill including the PU & D yard (IHSS 174) Investigative activities for this unit are scheduled to begin in 1997 Detected analytes for well 6687 are presented in table 6-3

Statistical comparisons were not performed for analytes with less than 50-percent quantifiable results or for analytes with less than three quantifiable results Dissolved barium, calcium, lithium, magnesium, potassium, selenium, and sodium were each detected twice in UHSU groundwater downgradient Dissolved radionuclides gross alpha, gross beta, radium-226, uranium-234, uranium-235, and uranium-238 were also each detected twice downgradient (all radionuclide results are considered detects according to the General Radiochemistry and Routine Analytical Services Protocol GRRASP) Americium-241, plutonium-238, and plutonium-239/240, were each detected in one downgradient unfiltered sample All results for unfiltered radionuclides were "J" qualified by the laboratory (estimated below the detection limit) Anions bicarbonate, chloride, sulfate, and total dissolved solids were each detected twice downgradient

Results for groundwater from UHSU bedrock downgradient show that chloroform was the only detected analyte, occurring in well B206989 The "J" qualified result of 0.2 UG/L is well below the detection limit of 1.0 UG/L Unless verified by subsequent analyses, these infrequently detected analytes are not considered to indicate contamination The detected concentration ranges for all infrequently detected analytes are reported in Table 6-2

For analytes with greater than 50-percent quantifiable results, ANOVA testing was performed All UHSU results (alluvial and bedrock) were grouped to provide adequate data to perform

statistical tests Even so, data were sufficient in number to evaluate only nitrate and tritium statistically Test results indicated no statistically significant difference (at the 5-percent significance level) in upgradient versus downgradient groundwater quality in the total UHSU for tritium and nitrate ANOVA results are summarized in table 6-4 All VOCs had less than 50-percent quantifiable results

7.0 METHANE GAS IN SELECTED MONITORING WELLS AT THE PRESENT LANDFILL

Monitoring of methane gas was performed at four wells in the Present Landfill Area (6287, 6687, 71693, and B106089) Monitoring was done in conjunction with the routine gas monitoring of wells specially constructed for methane monitoring Wells were selected on the basis of their proximity to the landfill materials, and on having screened intervals within landfill materials above the water table These four wells were abandoned in 1997 as part of the WARP Well 6687 was replaced by new well 00597 which may be used for methane monitoring in the future Wells 44292, 22392, 44492, 44592, and 44692 were previously deactivated and are no longer sampled

Methane measurements were made on March 29, June 25, and October 1 of 1996, using a Bacharach Sentinel 44 instrument Measurements are given as a percentage of the lower explosive limit (LEL) and can be found in Table 7-1 Instrument readings indicate that wells 6287 and 71693 had detectable levels of explosive gas For all quarters, O₂ readings at the one-foot and ten-foot distances ranged from 20.9 to 21.0%

8.0 CONCLUSIONS

Groundwater in the vicinity of the Present Landfill generally flows to the east, with the flow components converging toward the East Landfill Pond Within the landfill in 1995, as in 1994, groundwater elevations were slightly higher on the north side than on the south side of the landfill, suggesting that the groundwater-diversion system performs more effectively on the southwest side of the landfill than on the northwest side It is believed that these general physical

Table 6-4
Comparative Statistics for the Present Sanitary Landfill
UHSU Total (Surficial Materials and Bedrock)

Group	Analyte	P-Value	Statistically Different? Y/N
Water Quality Parameters	Nitrate	0.98	N
Radionuclides	Tritium	0.41	N

Anova. Single Factor Nitrate

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	14	35.60	2.54	0.76
Column 2	4	49.25	12.31	510.65

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	296.94	1	296.94	3.08	0.10	4.49
Within Groups	1541.84	16	96.36			
Total	1838.78	17				

Anova. Single Factor Tritium

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	16	612.78	38.30	12165.76
Column 2	5	-68.43	-13.69	24382.76

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	10294.91	1	10294.91	0.70	0.41	4.38
Within Groups	280017.52	19	14737.76			
Total	290312.44	20				

NOTE Analytes must have > 50-percent detects and > 2 detects for statistical analysis

Table 7-1
Results of Monitoring for Explosive Gas

Location	Date	LEL %				ppm		
		BK	Mouth	1-Foot	10-Foot	BK	BZ	WB
6287	3/29/96	0	58	0	0	0	0	0
	6/25/96	0	7	0	0	0	0	0
	10/1/96	0	0	0	0	0	0	0
6687	3/29/96	0	0	0	0	0	0	0
	6/25/96	0	0	0	0	0	0	0
	10/1/96	0	0	0	0	0	0	0
B106089	3/29/96	0	0	0	0	0	0	0
	6/25/96	0	0	0	0	0	0	0
	10/1/96	0	0	0	0	0	0	0
71693	3/29/96	0	125	0	0	0	0	0
	6/25/96	0	145	0	0	0	0	0
	10/1/96	0	28	0	0	0	0	0

% LEL = Lower Explosive Limit

ppm = parts per million

BK = Background Measurement

BZ = Breathing Zone Measurement

WB = Well Bore Measurement

characteristics of the groundwater system change little over time barring dramatic climatic or geologic events and remain applicable for this and future reports

Due to the reduced frequency of sampling, well deactivations, and lack of water in downgradient wells, there were insufficient data to perform statistical analyses for most analytes in 1996. Statistical comparisons of upgradient versus downgradient UHSU groundwater at the Present Landfill were performed, however, for tritium and nitrate. Neither of these constituents displayed statistically significant difference when compared using ANOVA. All VOCs were detected in fewer than 50 percent of the samples, so these analytes were not statistically evaluated.

Conditions at the Present Landfill in 1996 appear generally consistent with those of 1995. However, most results must be described qualitatively for lack of statistical evaluation. Analytes and concentration ranges detected in UHSU groundwater downgradient were consistent with those found in 1995 with the exception of chromium which was detected once in 1996 in well 4087. Graphical examination of concentration ranges (Table 6-2) indicates that lithium, chromium, selenium, sodium, bicarbonate, and chloride as well as gross alpha, gross beta and uranium-234 may be elevated for upgradient versus downgradient wells. This is also consistent with results of statistical analyses performed for 1995 with the exception of selenium. Both detected results for selenium downgradient in 1996 were qualified "N" by the laboratory indicating that spike recovery results were outside control limits.

Contaminants detected in monitoring wells southeast of the Present Landfill may be due to an inadequately functioning groundwater-intercept system in this area, emplacement of wastes beyond the limit of the intercept system, or impacts associated with other IHSSs adjacent to the landfill. Organic contaminants appear to be migrating from an upgradient source, perhaps the PU&D yard (IHSS 174), with a plume that is traversing along and through the southern portion of the Present Landfill.

As discussed in Section 4.0, the sitewide groundwater-monitoring network has been revised, which resulted in fewer wells sampled at the Present Landfill during 1996. Although the number of wells evaluated for this and future Present Landfill reports is less than that of 1995 and earlier reports, it is believed that sufficient upgradient and downgradient wells were sampled to meet or exceed regulatory requirements. It appears that site conditions (dry wells) have prevented the collection of sufficient downgradient data during 1996 to perform statistical analysis for many analytes.

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APPENDIX A

Analytical Data for Metals, Radionuclides, Water-Quality Parameters, and Organic Compounds

Appendix A
Analytical Data for Dissolved Metals

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
4087	GW05038TE	REAL	26-Apr-96	BARIUM	28 4	UG/L	B	200	Y
4087	GW05038TE	REAL	26-Apr-96	CALCIUM	88500	UG/L		5000	Y
4087	GW05038TE	REAL	26-Apr-96	CHROMIUM	15 8	UG/L		10	Y
4087	GW05038TE	REAL	26-Apr-96	LITHIUM	63 3	UG/L	B	100	Y
4087	GW05038TE	REAL	26-Apr-96	MAGNESIUM	25600	UG/L		5000	Y
4087	GW05038TE	REAL	26-Apr-96	NICKEL	7 8	UG/L	U	40	Y
4087	GW05038TE	REAL	26-Apr-96	POTASSIUM	2020	UG/L	B	5000	Y
4087	GW05038TE	REAL	26-Apr-96	SELENIUM	22 3	UG/L	N	5	Y
4087	GW05038TE	REAL	26-Apr-96	SODIUM	181000	UG/L		5000	Y
52894	GW05039TE	REAL	23-Apr-96	BARIUM	74 6	UG/L	B	200	Y
52894	GW05039TE	REAL	23-Apr-96	CALCIUM	39700	UG/L		5000	Y
52894	GW05039TE	REAL	23-Apr-96	CHROMIUM	3 3	UG/L	U	10	Y
52894	GW05039TE	REAL	23-Apr-96	LITHIUM	89	UG/L	B	100	Y
52894	GW05039TE	REAL	23-Apr-96	MAGNESIUM	11000	UG/L		5000	Y
52894	GW05039TE	REAL	23-Apr-96	NICKEL	7 8	UG/L	U	40	Y
52894	GW05039TE	REAL	23-Apr-96	POTASSIUM	5400	UG/L		5000	Y
52894	GW05039TE	REAL	23-Apr-96	SELENIUM	23 3	UG/L	N	5	Y
52894	GW05039TE	REAL	23-Apr-96	SODIUM	154000	UG/L		5000	Y
5887	GW03107GA	REAL	8-Feb-96	BARIUM	70 6	UG/L	J	200	Y
5887	GW03107GA	REAL	8-Feb-96	CALCIUM	21900	UG/L		5000	Y
5887	GW03107GA	REAL	8-Feb-96	CHROMIUM	5	UG/L	U	10	Y
5887	GW03107GA	REAL	8-Feb-96	LITHIUM	6 4	UG/L	J	100	Y
5887	GW03107GA	REAL	8-Feb-96	MAGNESIUM	4730	UG/L	J	5000	Y
5887	GW03107GA	REAL	8-Feb-96	NICKEL	7 7	UG/L	J	40	Y
5887	GW03107GA	REAL	8-Feb-96	POTASSIUM	1090	UG/L	J	5000	Y
5887	GW03107GA	REAL	8-Feb-96	SELENIUM	6 1	UG/L		5	Y
5887	GW03107GA	REAL	8-Feb-96	SODIUM	11200	UG/L		5000	Y
5887	GW05041TE	REAL	10-Apr-96	BARIUM	68 3	UG/L	B	200	Y
5887	GW05041TE	REAL	10-Apr-96	CALCIUM	20900	UG/L		5000	Y
5887	GW05041TE	REAL	10-Apr-96	CHROMIUM	5 2	UG/L	U	10	Y
5887	GW05041TE	REAL	10-Apr-96	LITHIUM	5 1	UG/L	B	100	Y
5887	GW05041TE	REAL	10-Apr-96	MAGNESIUM	4800	UG/L	B	5000	Y
5887	GW05041TE	REAL	10-Apr-96	NICKEL	6 5	UG/L	U	40	Y
5887	GW05041TE	REAL	10-Apr-96	POTASSIUM	967	UG/L	B	5000	Y
5887	GW05041TE	REAL	10-Apr-96	SELENIUM	3 7	UG/L	U	5	Y
5887	GW05041TE	REAL	10-Apr-96	SODIUM	10700	UG/L		5000	Y
5887	GW05176TE	REAL	15-Aug-96	ALUMINUM	25 4	UG/L	U	25 4	Y
5887	GW05176TE	REAL	15-Aug-96	ANTIMONY	28 4	UG/L	U	28 4	Y
5887	GW05176TE	REAL	15-Aug-96	ARSENIC	3 8	UG/L	B	10	Y
5887	GW05176TE	REAL	15-Aug-96	BARIUM	70 2	UG/L	B	4	Y
5887	GW05176TE	REAL	15-Aug-96	BERYLLIUM	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	CADMIUM	4 2	UG/L	U	4 2	Y
5887	GW05176TE	REAL	15-Aug-96	CALCIUM	20700	UG/L		103	Y
5887	GW05176TE	REAL	15-Aug-96	CESIUM	200	UG/L	U	1000	Y
5887	GW05176TE	REAL	15-Aug-96	CHROMIUM	6 1	UG/L	U	6 1	Y
5887	GW05176TE	REAL	15-Aug-96	COBALT	4 4	UG/L	U	4 4	Y
5887	GW05176TE	REAL	15-Aug-96	COPPER	3 5	UG/L	U	3 5	Y

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Appendix A
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Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
5887	GW05176TE	REAL	15-Aug-96	IRON	35	UG/L	U	35	Y
5887	GW05176TE	REAL	15-Aug-96	LEAD	3	UG/L	U	5	Y
5887	GW05176TE	REAL	15-Aug-96	LITHIUM	107	UG/L	U	100	Y
5887	GW05176TE	REAL	15-Aug-96	MAGNESIUM	4710	UG/L	B	441	Y
5887	GW05176TE	REAL	15-Aug-96	MANGANESE	52	UG/L	U	52	Y
5887	GW05176TE	REAL	15-Aug-96	MERCURY	02	UG/L	U	02	Y
5887	GW05176TE	REAL	15-Aug-96	MOLYBDENUM	102	UG/L	U	200	Y
5887	GW05176TE	REAL	15-Aug-96	NICKEL	102	UG/L	U	102	Y
5887	GW05176TE	REAL	15-Aug-96	POTASSIUM	1080	UG/L	B	961	Y
5887	GW05176TE	REAL	15-Aug-96	SELENIUM	41	UG/L	U	5	Y
5887	GW05176TE	REAL	15-Aug-96	SILICON	13200	UG/L		100	Y
5887	GW05176TE	REAL	15-Aug-96	SILVER	37	UG/L	U	37	Y
5887	GW05176TE	REAL	15-Aug-96	SODIUM	9920	UG/L		975	Y
5887	GW05176TE	REAL	15-Aug-96	STRONTIUM	142	UG/L	B	200	Y
5887	GW05176TE	REAL	15-Aug-96	THALLIUM	9	UG/L	B	10	Y
5887	GW05176TE	REAL	15-Aug-96	TIN	201	UG/L	U	200	Y
5887	GW05176TE	REAL	15-Aug-96	VANADIUM	32	UG/L	U	32	Y
5887	GW05176TE	REAL	15-Aug-96	ZINC	63	UG/L	B	4	Y
6687	GW03109GA	REAL	16-Jan-96	BARIUM	157	UG/L	J	200	V1
6687	GW03109GA	REAL	16-Jan-96	CALCIUM	74100	UG/L		5000	V1
6687	GW03109GA	REAL	16-Jan-96	CHROMIUM	5	UG/L	U	10	V1
6687	GW03109GA	REAL	16-Jan-96	LITHIUM	136	UG/L	J	100	V1
6687	GW03109GA	REAL	16-Jan-96	MAGNESIUM	17100	UG/L		5000	V1
6687	GW03109GA	REAL	16-Jan-96	NICKEL	11	UG/L	J	40	V1
6687	GW03109GA	REAL	16-Jan-96	POTASSIUM	2110	UG/L	J	5000	V1
6687	GW03109GA	REAL	16-Jan-96	SELENIUM	4	UG/L	U	5	V1
6687	GW03109GA	REAL	16-Jan-96	SODIUM	20900	UG/L		5000	V1
6687	GW05022TE	REAL	16-Apr-96	BARIUM	156	UG/L	B	200	Y
6687	GW05022TE	REAL	16-Apr-96	CALCIUM	189000	UG/L		5000	Y
6687	GW05022TE	REAL	16-Apr-96	CHROMIUM	52	UG/L	U	10	Y
6687	GW05022TE	REAL	16-Apr-96	LITHIUM	10	UG/L	B	100	Y
6687	GW05022TE	REAL	16-Apr-96	MAGNESIUM	46200	UG/L		5000	Y
6687	GW05022TE	REAL	16-Apr-96	NICKEL	10	UG/L	B	40	Y
6687	GW05022TE	REAL	16-Apr-96	POTASSIUM	3000	UG/L	B	5000	Y
6687	GW05022TE	REAL	16-Apr-96	SELENIUM	4	UG/L	UN	5	Y
6687	GW05022TE	REAL	16-Apr-96	SODIUM	27300	UG/L		5000	Y
6687	GW05212TE	REAL	14-Aug-96	ALUMINUM	254	UG/L	U	254	Y
6687	GW05212TE	REAL	14-Aug-96	ANTIMONY	284	UG/L	U	284	Y
6687	GW05212TE	REAL	14-Aug-96	ARSENIC	33	UG/L	U	10	Y
6687	GW05212TE	REAL	14-Aug-96	BARIUM	174	UG/L	B	4	Y
6687	GW05212TE	REAL	14-Aug-96	BERYLLIUM	1	UG/L	U	1	Y
6687	GW05212TE	REAL	14-Aug-96	CADMIUM	42	UG/L	U	42	Y
6687	GW05212TE	REAL	14-Aug-96	CALCIUM	127000	UG/L		103	Y
6687	GW05212TE	REAL	14-Aug-96	CESIUM	200	UG/L	U	1000	Y
6687	GW05212TE	REAL	14-Aug-96	CHROMIUM	61	UG/L	U	61	Y
6687	GW05212TE	REAL	14-Aug-96	COBALT	44	UG/L	U	44	Y
6687	GW05212TE	REAL	14-Aug-96	COPPER	96	UG/L	B	35	Y

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Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
6687	GW05212TE	REAL	14-Aug-96	IRON	35	UG/L	U	35	Y
6687	GW05212TE	REAL	14-Aug-96	LEAD	3	UG/L	U	5	Y
6687	GW05212TE	REAL	14-Aug-96	LITHIUM	10 7	UG/L	U	100	Y
6687	GW05212TE	REAL	14-Aug-96	MAGNESIUM	29400	UG/L		44 1	Y
6687	GW05212TE	REAL	14-Aug-96	MANGANESE	5 2	UG/L	U	5 2	Y
6687	GW05212TE	REAL	14-Aug-96	MERCURY	0 2	UG/L	U	0 2	Y
6687	GW05212TE	REAL	14-Aug-96	MOLYBDENUM	10 2	UG/L	U	200	Y
6687	GW05212TE	REAL	14-Aug-96	NICKEL	10 2	UG/L	U	10 2	Y
6687	GW05212TE	REAL	14-Aug-96	POTASSIUM	2450	UG/L	B	96 1	Y
6687	GW05212TE	REAL	14-Aug-96	SELENIUM	4 1	UG/L	U	5	Y
6687	GW05212TE	REAL	14-Aug-96	SILICON	12700	UG/L		100	Y
6687	GW05212TE	REAL	14-Aug-96	SILVER	3 7	UG/L	U	3 7	Y
6687	GW05212TE	REAL	14-Aug-96	SODIUM	24000	UG/L		975	Y
6687	GW05212TE	REAL	14-Aug-96	STRONTIUM	620	UG/L		200	Y
6687	GW05212TE	REAL	14-Aug-96	THALLIUM	5 8	UG/L	U	10	Y
6687	GW05212TE	REAL	14-Aug-96	TIN	20 1	UG/L	U	200	Y
6687	GW05212TE	REAL	14-Aug-96	VANADIUM	3 2	UG/L	U	3 2	Y
6687	GW05212TE	REAL	14-Aug-96	ZINC	39 5	UG/L		4	Y
6687	GW05355TE	REAL	13-Nov-96	ALUMINUM	85	UG/L	B	200	Y
6687	GW05355TE	REAL	13-Nov-96	ANTIMONY	15 4	UG/L	U	60	Y
6687	GW05355TE	REAL	13-Nov-96	ARSENIC	4 3	UG/L	U	10	Y
6687	GW05355TE	REAL	13-Nov-96	BARIUM	12 4	UG/L	B	200	Y
6687	GW05355TE	REAL	13-Nov-96	BERYLLIUM	1 3	UG/L	U	5	Y
6687	GW05355TE	REAL	13-Nov-96	CADMIUM	4 5	UG/L	U	5	Y
6687	GW05355TE	REAL	13-Nov-96	CALCIUM	114000	UG/L		5000	Y
6687	GW05355TE	REAL	13-Nov-96	CESIUM	200	UG/L	U	1000	Y
6687	GW05355TE	REAL	13-Nov-96	CHROMIUM	4 3	UG/L	U	10	Y
6687	GW05355TE	REAL	13-Nov-96	COBALT	3 7	UG/L	U	50	Y
6687	GW05355TE	REAL	13-Nov-96	COPPER	6 8	UG/L	B	25	Y
6687	GW05355TE	REAL	13-Nov-96	IRON	19 8	UG/L	B	100	Y
6687	GW05355TE	REAL	13-Nov-96	LEAD	2 8	UG/L	U	5	Y
6687	GW05355TE	REAL	13-Nov-96	LITHIUM	6 9	UG/L	B	100	Y
6687	GW05355TE	REAL	13-Nov-96	MAGNESIUM	27000	UG/L		5000	Y
6687	GW05355TE	REAL	13-Nov-96	MANGANESE	12 1	UG/L	B	15	Y
6687	GW05355TE	REAL	13-Nov-96	MERCURY	0 2	UG/L	U	0 2	Y
6687	GW05355TE	REAL	13-Nov-96	MOLYBDENUM	7 2	UG/L	U	200	Y
6687	GW05355TE	REAL	13-Nov-96	NICKEL	23 3	UG/L	B	40	Y
6687	GW05355TE	REAL	13-Nov-96	POTASSIUM	2430	UG/L	B	5000	Y
6687	GW05355TE	REAL	13-Nov-96	SELENIUM	3 7	UG/L	U	5	Y
6687	GW05355TE	REAL	13-Nov-96	SILICON	13300	UG/L		100	Y
6687	GW05355TE	REAL	13-Nov-96	SILVER	3 4	UG/L	U	10	Y
6687	GW05355TE	REAL	13-Nov-96	SODIUM	25800	UG/L		5000	Y
6687	GW05355TE	REAL	13-Nov-96	STRONTIUM	609	UG/L		200	Y
6687	GW05355TE	REAL	13-Nov-96	THALLIUM	7 2	UG/L	B	10	Y
6687	GW05355TE	REAL	13-Nov-96	TIN	21	UG/L	B	200	Y
6687	GW05355TE	REAL	13-Nov-96	VANADIUM	4 2	UG/L	U	50	Y
6687	GW05355TE	REAL	13-Nov-96	ZINC	61	UG/L		20	Y

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Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70093	GW03116GA	REAL	29-Feb-96	BARIUM	68 3	UG/L		2 1	Y
70093	GW03116GA	REAL	29-Feb-96	CALCIUM	19900	UG/L		46 3	Y
70093	GW03116GA	REAL	29-Feb-96	CHROMIUM		6 UG/L	U	5 2	Y
70093	GW03116GA	REAL	29-Feb-96	LITHIUM		7 9 UG/L		2 4	Y
70093	GW03116GA	REAL	29-Feb-96	MAGNESIUM	3740	UG/L		59 7	Y
70093	GW03116GA	REAL	29-Feb-96	NICKEL		7 UG/L	U	6 5	Y
70093	GW03116GA	REAL	29-Feb-96	POTASSIUM	522	UG/L		150	Y
70093	GW03116GA	REAL	29-Feb-96	SELENIUM		4 UG/L	U	3 7	Y
70093	GW03116GA	REAL	29-Feb-96	SODIUM	10100	UG/L		725	Y
70093	GW05116TE	REAL	20-Jun-96	BARIUM		63 4	UG/L	200	Y
70093	GW05116TE	REAL	20-Jun-96	CALCIUM	19600	UG/L		5000	Y
70093	GW05116TE	REAL	20-Jun-96	CHROMIUM		3 3 UG/L	U	10	Y
70093	GW05116TE	REAL	20-Jun-96	LITHIUM		6 8 UG/L	B	100	Y
70093	GW05116TE	REAL	20-Jun-96	MAGNESIUM	3610	UG/L	B	5000	Y
70093	GW05116TE	REAL	20-Jun-96	NICKEL		7 8 UG/L	U	40	Y
70093	GW05116TE	REAL	20-Jun-96	POTASSIUM	590	UG/L	B	5000	Y
70093	GW05116TE	REAL	20-Jun-96	SELENIUM		5 2 UG/L	N	5	Y
70093	GW05116TE	REAL	20-Jun-96	SODIUM	9090	UG/L		5000	Y
70093	GW05178TE	REAL	29-Aug-96	ALUMINUM		25 4 UG/L	U	200	Y
70093	GW05178TE	REAL	29-Aug-96	ANTIMONY		28 4 UG/L	U	60	Y
70093	GW05178TE	REAL	29-Aug-96	ARSENIC		3 3 UG/L	U	10	Y
70093	GW05178TE	REAL	29-Aug-96	BARIUM		64 4 UG/L	B	200	Y
70093	GW05178TE	REAL	29-Aug-96	BERYLLIUM		1 1 UG/L	U	5	Y
70093	GW05178TE	REAL	29-Aug-96	CADMIUM		4 3 UG/L	U	5	Y
70093	GW05178TE	REAL	29-Aug-96	CALCIUM	20100	UG/L		5000	Y
70093	GW05178TE	REAL	29-Aug-96	CESIUM		200 UG/L	U	1000	Y
70093	GW05178TE	REAL	29-Aug-96	CHROMIUM		6 1 UG/L	U	10	Y
70093	GW05178TE	REAL	29-Aug-96	COBALT		4 4 UG/L	U	50	Y
70093	GW05178TE	REAL	29-Aug-96	COPPER		3 5 UG/L	U	25	Y
70093	GW05178TE	REAL	29-Aug-96	IRON		35 UG/L	U	100	Y
70093	GW05178TE	REAL	29-Aug-96	LEAD		3 UG/L	U	5	Y
70093	GW05178TE	REAL	29-Aug-96	LITHIUM		10 7 UG/L	U	100	Y
70093	GW05178TE	REAL	29-Aug-96	MAGNESIUM	3680	UG/L	B	5000	Y
70093	GW05178TE	REAL	29-Aug-96	MANGANESE		5 3 UG/L	U	15	Y
70093	GW05178TE	REAL	29-Aug-96	MERCURY		0 2 UG/L	U	0 2	Y
70093	GW05178TE	REAL	29-Aug-96	MOLYBDENUM		10 2 UG/L	U	200	Y
70093	GW05178TE	REAL	29-Aug-96	NICKEL		10 2 UG/L	U	40	Y
70093	GW05178TE	REAL	29-Aug-96	POTASSIUM	558	UG/L	B	5000	Y
70093	GW05178TE	REAL	29-Aug-96	SELENIUM		4 1 UG/L	U	5	Y
70093	GW05178TE	REAL	29-Aug-96	SILICON	12900	UG/L		100	Y
70093	GW05178TE	REAL	29-Aug-96	SILVER		3 7 UG/L	U	10	Y
70093	GW05178TE	REAL	29-Aug-96	SODIUM	9500	UG/L		5000	Y
70093	GW05178TE	REAL	29-Aug-96	STRONTIUM		94 5 UG/L	B	200	Y
70093	GW05178TE	REAL	29-Aug-96	THALLIUM		5 8 UG/L	U	10	Y
70093	GW05178TE	REAL	29-Aug-96	TIN		20 1 UG/L	U	200	Y
70093	GW05178TE	REAL	29-Aug-96	VANADIUM		3 2 UG/L	U	50	Y
70093	GW05178TE	REAL	29-Aug-96	ZINC		4 UG/L	U	20	Y

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Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70093	GW05423TE	REAL	5-Dec-96	ALUMINUM	64.9	UG/L	B	200	Y
70093	GW05423TE	REAL	5-Dec-96	ANTIMONY	15.4	UG/L	U	60	Y
70093	GW05423TE	REAL	5-Dec-96	ARSENIC	4.3	UG/L	U	10	Y
70093	GW05423TE	REAL	5-Dec-96	BARIUM	73.4	UG/L	B	200	Y
70093	GW05423TE	REAL	5-Dec-96	BERYLLIUM	1.3	UG/L	U	5	Y
70093	GW05423TE	REAL	5-Dec-96	CADMIUM	4.5	UG/L	U	5	Y
70093	GW05423TE	REAL	5-Dec-96	CALCIUM	21200	UG/L		5000	Y
70093	GW05423TE	REAL	5-Dec-96	CESIUM	200	UG/L	U	1000	Y
70093	GW05423TE	REAL	5-Dec-96	CHROMIUM	4.3	UG/L	U	10	Y
70093	GW05423TE	REAL	5-Dec-96	COBALT	3.7	UG/L	U	50	Y
70093	GW05423TE	REAL	5-Dec-96	COPPER	3.2	UG/L	U	25	Y
70093	GW05423TE	REAL	5-Dec-96	IRON	30.8	UG/L	B	100	Y
70093	GW05423TE	REAL	5-Dec-96	LEAD	2.8	UG/L	U	5	Y
70093	GW05423TE	REAL	5-Dec-96	LITHIUM	8	UG/L	B	100	Y
70093	GW05423TE	REAL	5-Dec-96	MAGNESIUM	3870	UG/L	B	5000	Y
70093	GW05423TE	REAL	5-Dec-96	MANGANESE	6.3	UG/L	B	15	Y
70093	GW05423TE	REAL	5-Dec-96	MERCURY	0.2	UG/L	U	0.2	Y
70093	GW05423TE	REAL	5-Dec-96	MOLYBDENUM	7.2	UG/L	U	200	Y
70093	GW05423TE	REAL	5-Dec-96	NICKEL	16.2	UG/L	U	40	Y
70093	GW05423TE	REAL	5-Dec-96	POTASSIUM	582	UG/L	B	5000	Y
70093	GW05423TE	REAL	5-Dec-96	SELENIUM	3.7	UG/L	U	5	Y
70093	GW05423TE	REAL	5-Dec-96	SILICON	13300	UG/L		100	Y
70093	GW05423TE	REAL	5-Dec-96	SILVER	3.4	UG/L	U	10	Y
70093	GW05423TE	REAL	5-Dec-96	SODIUM	11100	UG/L		5000	Y
70093	GW05423TE	REAL	5-Dec-96	STRONTIUM	123	UG/L	B	200	Y
70093	GW05423TE	REAL	5-Dec-96	THALLIUM	4.2	UG/L	U	10	Y
70093	GW05423TE	REAL	5-Dec-96	TIN	25.3	UG/L	B	200	Y
70093	GW05423TE	REAL	5-Dec-96	VANADIUM	4.2	UG/L	U	50	Y
70093	GW05423TE	REAL	5-Dec-96	ZINC	4.7	UG/L	U	20	Y
70193	GW03127GA	REAL	27-Feb-96	BARIUM	101	UG/L		21	Y
70193	GW03127GA	REAL	27-Feb-96	CALCIUM	27000	UG/L		463	Y
70193	GW03127GA	REAL	27-Feb-96	CHROMIUM	6	UG/L	U	52	Y
70193	GW03127GA	REAL	27-Feb-96	LITHIUM	9.5	UG/L		24	Y
70193	GW03127GA	REAL	27-Feb-96	MAGNESIUM	5790	UG/L		597	Y
70193	GW03127GA	REAL	27-Feb-96	NICKEL	7	UG/L	U	65	Y
70193	GW03127GA	REAL	27-Feb-96	POTASSIUM	1430	UG/L		150	Y
70193	GW03127GA	REAL	27-Feb-96	SELENIUM	5.8	UG/L		37	Y
70193	GW03127GA	REAL	27-Feb-96	SODIUM	16200	UG/L		725	Y
70193	GW05023TE	REAL	9-Apr-96	BARIUM	91.4	UG/L	B	200	Y
70193	GW05023TE	REAL	9-Apr-96	CALCIUM	24200	UG/L		5000	Y
70193	GW05023TE	REAL	9-Apr-96	CHROMIUM	5.2	UG/L	U	10	Y
70193	GW05023TE	REAL	9-Apr-96	LITHIUM	8.6	UG/L	B	100	Y
70193	GW05023TE	REAL	9-Apr-96	MAGNESIUM	5420	UG/L		5000	Y
70193	GW05023TE	REAL	9-Apr-96	NICKEL	6.5	UG/L	U	40	Y
70193	GW05023TE	REAL	9-Apr-96	POTASSIUM	1340	UG/L	B	5000	Y
70193	GW05023TE	REAL	9-Apr-96	SELENIUM	7.6	UG/L		5	Y
70193	GW05023TE	REAL	9-Apr-96	SODIUM	13900	UG/L		5000	Y

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Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70193	GW05214TE	REAL	30-Aug-96	ALUMINUM	25 4	UG/L	U	200	Y
70193	GW05214TE	REAL	30-Aug-96	ANTIMONY	28 4	UG/L	U	60	Y
70193	GW05214TE	REAL	30-Aug-96	ARSENIC	3 3	UG/L	U	10	Y
70193	GW05214TE	REAL	30-Aug-96	BARIUM	77 7	UG/L	B	200	Y
70193	GW05214TE	REAL	30-Aug-96	BERYLLIUM	1 1	UG/L	U	5	Y
70193	GW05214TE	REAL	30-Aug-96	CADMIUM	4 3	UG/L	U	5	Y
70193	GW05214TE	REAL	30-Aug-96	CALCIUM	20200	UG/L		5000	Y
70193	GW05214TE	REAL	30-Aug-96	CESIUM	200	UG/L	U	1000	Y
70193	GW05214TE	REAL	30-Aug-96	CHROMIUM	6 1	UG/L	U	10	Y
70193	GW05214TE	REAL	30-Aug-96	COBALT	4 4	UG/L	U	50	Y
70193	GW05214TE	REAL	30-Aug-96	COPPER	3 5	UG/L	U	25	Y
70193	GW05214TE	REAL	30-Aug-96	IRON	35	UG/L	U	100	Y
70193	GW05214TE	REAL	30-Aug-96	LEAD	3	UG/L	U	5	Y
70193	GW05214TE	REAL	30-Aug-96	LITHIUM	10 7	UG/L	U	100	Y
70193	GW05214TE	REAL	30-Aug-96	MAGNESIUM	3980	UG/L	B	5000	Y
70193	GW05214TE	REAL	30-Aug-96	MANGANESE	5 3	UG/L	U	15	Y
70193	GW05214TE	REAL	30-Aug-96	MERCURY	0 2	UG/L	U	0 2	Y
70193	GW05214TE	REAL	30-Aug-96	MOLYBDENUM	11 8	UG/L	B	200	Y
70193	GW05214TE	REAL	30-Aug-96	NICKEL	14 2	UG/L	B	40	Y
70193	GW05214TE	REAL	30-Aug-96	POTASSIUM	753	UG/L	B	5000	Y
70193	GW05214TE	REAL	30-Aug-96	SELENIUM	4 1	UG/L	U	5	Y
70193	GW05214TE	REAL	30-Aug-96	SILICON	13600	UG/L		100	Y
70193	GW05214TE	REAL	30-Aug-96	SILVER	3 7	UG/L	U	10	Y
70193	GW05214TE	REAL	30-Aug-96	SODIUM	11000	UG/L		5000	Y
70193	GW05214TE	REAL	30-Aug-96	STRONTIUM	112	UG/L	B	200	Y
70193	GW05214TE	REAL	30-Aug-96	THALLIUM	5 8	UG/L	U	10	Y
70193	GW05214TE	REAL	30-Aug-96	TIN	20 1	UG/L	U	200	Y
70193	GW05214TE	REAL	30-Aug-96	VANADIUM	3 2	UG/L	U	50	Y
70193	GW05214TE	REAL	30-Aug-96	ZINC	7 2	UG/L	B	20	Y
70193	GW05389TE	REAL	25-Nov-96	ALUMINUM	24 2	UG/L	U	200	Y
70193	GW05389TE	REAL	25-Nov-96	ANTIMONY	15 4	UG/L	U	60	Y
70193	GW05389TE	REAL	25-Nov-96	ARSENIC	4 3	UG/L	U	10	Y
70193	GW05389TE	REAL	25-Nov-96	BARIUM	79 8	UG/L	B	200	Y
70193	GW05389TE	REAL	25-Nov-96	BERYLLIUM	1 3	UG/L	U	5	Y
70193	GW05389TE	REAL	25-Nov-96	CADMIUM	4 5	UG/L	U	5	Y
70193	GW05389TE	REAL	25-Nov-96	CALCIUM	20400	UG/L		5000	Y
70193	GW05389TE	REAL	25-Nov-96	CESIUM	200	UG/L	UN	1000	Y
70193	GW05389TE	REAL	25-Nov-96	CHROMIUM	4 3	UG/L	U	10	Y
70193	GW05389TE	REAL	25-Nov-96	COBALT	3 7	UG/L	U	50	Y
70193	GW05389TE	REAL	25-Nov-96	COPPER	3 2	UG/L	U	25	Y
70193	GW05389TE	REAL	25-Nov-96	IRON	11	UG/L	U	100	Y
70193	GW05389TE	REAL	25-Nov-96	LEAD	2 8	UG/L	U	5	Y
70193	GW05389TE	REAL	25-Nov-96	LITHIUM	7 3	UG/L	B	100	Y
70193	GW05389TE	REAL	25-Nov-96	MAGNESIUM	4100	UG/L	B	5000	Y
70193	GW05389TE	REAL	25-Nov-96	MANGANESE	4 2	UG/L	U	15	Y
70193	GW05389TE	REAL	25-Nov-96	MERCURY	0 2	UG/L	U	0 2	Y
70193	GW05389TE	REAL	25-Nov-96	MOLYBDENUM	7 2	UG/L	U	200	Y

Appendix A
Analytical Data for Dissolved Metals

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70193	GW05389TE	REAL	25-Nov-96	NICKEL	16 2	UG/L	U	40	Y
70193	GW05389TE	REAL	25-Nov-96	POTASSIUM	926	UG/L	B	5000	Y
70193	GW05389TE	REAL	25-Nov-96	SELENIUM	3 7	UG/L	U	5	Y
70193	GW05389TE	REAL	25-Nov-96	SILICON	14100	UG/L		100	Y
70193	GW05389TE	REAL	25-Nov-96	SILVER	3 4	UG/L	U	10	Y
70193	GW05389TE	REAL	25-Nov-96	SODIUM	10800	UG/L		5000	Y
70193	GW05389TE	REAL	25-Nov-96	STRONTIUM	133	UG/L	B	200	Y
70193	GW05389TE	REAL	25-Nov-96	THALLIUM	4 7	UG/L	B	10	Y
70193	GW05389TE	REAL	25-Nov-96	TIN	13 6	UG/L	B	200	Y
70193	GW05389TE	REAL	25-Nov-96	VANADIUM	4 2	UG/L	U	50	Y
70193	GW05389TE	REAL	25-Nov-96	ZINC	4 7	UG/L	U	20	Y
70393	GW03128GA	REAL	14-Mar-96	BARIUM	74	UG/L	B	21	Y
70393	GW03128GA	REAL	14-Mar-96	CALCIUM	18400	UG/L		463	Y
70393	GW03128GA	REAL	14-Mar-96	CHROMIUM	6	UG/L	U	52	Y
70393	GW03128GA	REAL	14-Mar-96	LITHIUM	7 1	UG/L	B	24	Y
70393	GW03128GA	REAL	14-Mar-96	MAGNESIUM	3990	UG/L	B	597	Y
70393	GW03128GA	REAL	14-Mar-96	NICKEL	7	UG/L	U	65	Y
70393	GW03128GA	REAL	14-Mar-96	POTASSIUM	723	UG/L	B	150	Y
70393	GW03128GA	REAL	14-Mar-96	SELENIUM	4	UG/L	U	37	Y
70393	GW03128GA	REAL	14-Mar-96	SODIUM	12300	UG/L		725	Y
70393	GW05134TE	REAL	10-Jun-96	BARIUM	62 4	UG/L	B	200	Y
70393	GW05134TE	REAL	10-Jun-96	CALCIUM	20100	UG/L		5000	Y
70393	GW05134TE	REAL	10-Jun-96	CHROMIUM	3 3	UG/L	U	10	Y
70393	GW05134TE	REAL	10-Jun-96	LITHIUM	6 4	UG/L	B	100	Y
70393	GW05134TE	REAL	10-Jun-96	MAGNESIUM	4070	UG/L	B	5000	Y
70393	GW05134TE	REAL	10-Jun-96	NICKEL	7 8	UG/L	U	40	Y
70393	GW05134TE	REAL	10-Jun-96	POTASSIUM	632	UG/L	B	5000	Y
70393	GW05134TE	REAL	10-Jun-96	SELENIUM	4	UG/L	U	5	Y
70393	GW05134TE	REAL	10-Jun-96	SODIUM	13200	UG/L		5000	Y
70393	GW05215TE	REAL	18-Sep-96	ALUMINUM	25 4	UG/L	U	200	Y
70393	GW05215TE	REAL	18-Sep-96	ANTIMONY	28 4	UG/L	U	60	Y
70393	GW05215TE	REAL	18-Sep-96	ARSENIC	3 3	UG/L	U	10	Y
70393	GW05215TE	REAL	18-Sep-96	BARIUM	63 4	UG/L	BE	200	Y
70393	GW05215TE	REAL	18-Sep-96	BERYLLIUM	1 1	UG/L	U	5	Y
70393	GW05215TE	REAL	18-Sep-96	CADMIUM	4 3	UG/L	U	5	Y
70393	GW05215TE	REAL	18-Sep-96	CALCIUM	20300	UG/L		5000	Y
70393	GW05215TE	REAL	18-Sep-96	CESIUM	200	UG/L	U	1000	Y
70393	GW05215TE	REAL	18-Sep-96	CHROMIUM	6 1	UG/L	U	10	Y
70393	GW05215TE	REAL	18-Sep-96	COBALT	4 4	UG/L	U	50	Y
70393	GW05215TE	REAL	18-Sep-96	COPPER	3 5	UG/L	U	25	Y
70393	GW05215TE	REAL	18-Sep-96	IRON	35	UG/L	U	100	Y
70393	GW05215TE	REAL	18-Sep-96	LEAD	3	UG/L	U	5	Y
70393	GW05215TE	REAL	18-Sep-96	LITHIUM	10 7	UG/L	U	100	Y
70393	GW05215TE	REAL	18-Sep-96	MAGNESIUM	4020	UG/L	B	5000	Y
70393	GW05215TE	REAL	18-Sep-96	MANGANESE	8 9	UG/L	B	15	Y
70393	GW05215TE	REAL	18-Sep-96	MERCURY	0 2	UG/L	U	0 2	Y
70393	GW05215TE	REAL	18-Sep-96	MOLYBDENUM	10 2	UG/L	U	200	Y

Appendix A
Analytical Data for Dissolved Metals

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val.
70393	GW05215TE	REAL	18-Sep-96	NICKEL	10 2	UG/L	U	40	Y
70393	GW05215TE	REAL	18-Sep-96	POTASSIUM	694	UG/L	B	5000	Y
70393	GW05215TE	REAL	18-Sep-96	SELENIUM	4 1	UG/L	U	5	Y
70393	GW05215TE	REAL	18-Sep-96	SILICON	13800	UG/L		100	Y
70393	GW05215TE	REAL	18-Sep-96	SILVER	3 7	UG/L	U	10	Y
70393	GW05215TE	REAL	18-Sep-96	SODIUM	13400	UG/L		5000	Y
70393	GW05215TE	REAL	18-Sep-96	STRONTIUM	108	UG/L	B	200	Y
70393	GW05215TE	REAL	18-Sep-96	THALLIUM	5 8	UG/L	U	10	Y
70393	GW05215TE	REAL	18-Sep-96	TIN	20 1	UG/L	U	200	Y
70393	GW05215TE	REAL	18-Sep-96	VANADIUM	3 2	UG/L	U	50	Y
70393	GW05215TE	REAL	18-Sep-96	ZINC	4	UG/L	U	20	Y
70493	GW05085TE	REAL	9-May-96	BARIUM	108	UG/L	B	200	Y
70493	GW05085TE	REAL	9-May-96	CALCIUM	33300	UG/L		5000	Y
70493	GW05085TE	REAL	9-May-96	CHROMIUM	3 3	UG/L	U	10	Y
70493	GW05085TE	REAL	9-May-96	LITHIUM	12 8	UG/L	B	100	Y
70493	GW05085TE	REAL	9-May-96	MAGNESIUM	7730	UG/L		5000	Y
70493	GW05085TE	REAL	9-May-96	NICKEL	7 8	UG/L	U	40	Y
70493	GW05085TE	REAL	9-May-96	POTASSIUM	1310	UG/L	B	5000	Y
70493	GW05085TE	REAL	9-May-96	SELENIUM	5	UG/L	BN	5	Y
70493	GW05085TE	REAL	9-May-96	SODIUM	17500	UG/L		5000	Y
70493	GW05318TE	REAL	7-Nov-96	ALUMINUM	24 2	UG/L	U	200	Y
70493	GW05318TE	REAL	7-Nov-96	ANTIMONY	15 4	UG/L	U	60	Y
70493	GW05318TE	REAL	7-Nov-96	ARSENIC	4 3	UG/L	U	10	Y
70493	GW05318TE	REAL	7-Nov-96	BARIUM	109	UG/L	B	200	Y
70493	GW05318TE	REAL	7-Nov-96	BERYLLIUM	1 3	UG/L	U	5	Y
70493	GW05318TE	REAL	7-Nov-96	CADMIUM	4 5	UG/L	U	5	Y
70493	GW05318TE	REAL	7-Nov-96	CALCIUM	34700	UG/L		5000	Y
70493	GW05318TE	REAL	7-Nov-96	CESIUM	200	UG/L	U	1000	Y
70493	GW05318TE	REAL	7-Nov-96	CHROMIUM	4 3	UG/L	U	10	Y
70493	GW05318TE	REAL	7-Nov-96	COBALT	3 7	UG/L	U	50	Y
70493	GW05318TE	REAL	7-Nov-96	COPPER	3 2	UG/L	U	25	Y
70493	GW05318TE	REAL	7-Nov-96	IRON	11	UG/L	U	100	Y
70493	GW05318TE	REAL	7-Nov-96	LEAD	2 8	UG/L	U	5	Y
70493	GW05318TE	REAL	7-Nov-96	LITHIUM	14 1	UG/L	BE	100	Y
70493	GW05318TE	REAL	7-Nov-96	MAGNESIUM	7950	UG/L		5000	Y
70493	GW05318TE	REAL	7-Nov-96	MANGANESE	4 2	UG/L	U	15	Y
70493	GW05318TE	REAL	7-Nov-96	MERCURY	0 2	UG/L	U	0 2	Y
70493	GW05318TE	REAL	7-Nov-96	MOLYBDENUM	7 2	UG/L	U	200	Y
70493	GW05318TE	REAL	7-Nov-96	NICKEL	16 2	UG/L	U	40	Y
70493	GW05318TE	REAL	7-Nov-96	POTASSIUM	1580	UG/L	B	5000	Y
70493	GW05318TE	REAL	7-Nov-96	SELENIUM	6 4	UG/L	•	5	Y
70493	GW05318TE	REAL	7-Nov-96	SILICON	10400	UG/L		100	Y
70493	GW05318TE	REAL	7-Nov-96	SILVER	3 4	UG/L	U	10	Y
70493	GW05318TE	REAL	7-Nov-96	SODIUM	18800	UG/L		5000	Y
70493	GW05318TE	REAL	7-Nov-96	STRONTIUM	260	UG/L		200	Y
70493	GW05318TE	REAL	7-Nov-96	THALLIUM	5 7	UG/L	B	10	Y
70493	GW05318TE	REAL	7-Nov-96	TIN	12 6	UG/L	B	200	Y

Appendix A
Analytical Data for Dissolved Metals

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70493	GW05318TE	REAL	7-Nov-96	VANADIUM	4 2	UG/L	U	50	Y
70493	GW05318TE	REAL	7-Nov-96	ZINC	4 7	UG/L	U	20	Y
70593	GW03129GA	REAL	29-Feb-96	BARIUM	92 7	UG/L		2 1	Y
70593	GW03129GA	REAL	29-Feb-96	CALCIUM	23100	UG/L		46 3	Y
70593	GW03129GA	REAL	29-Feb-96	CHROMIUM	6	UG/L	U	5 2	Y
70593	GW03129GA	REAL	29-Feb-96	LITHIUM	28	UG/L		2 4	Y
70593	GW03129GA	REAL	29-Feb-96	MAGNESIUM	5460	UG/L		59 7	Y
70593	GW03129GA	REAL	29-Feb-96	NICKEL	7	UG/L	U	6 5	Y
70593	GW03129GA	REAL	29-Feb-96	POTASSIUM	2590	UG/L		150	Y
70593	GW03129GA	REAL	29-Feb-96	SELENIUM	8 8	UG/L		3 7	Y
70593	GW03129GA	REAL	29-Feb-96	SODIUM	67700	UG/L		725	Y
70593	GW05136TE	REAL	9-May-96	BARIUM	89 7	UG/L	B	200	Y
70593	GW05136TE	REAL	9-May-96	CALCIUM	23300	UG/L		5000	Y
70593	GW05136TE	REAL	9-May-96	CHROMIUM	3 3	UG/L	U	10	Y
70593	GW05136TE	REAL	9-May-96	LITHIUM	24 9	UG/L	B	100	Y
70593	GW05136TE	REAL	9-May-96	MAGNESIUM	5380	UG/L		5000	Y
70593	GW05136TE	REAL	9-May-96	NICKEL	7 8	UG/L	U	40	Y
70593	GW05136TE	REAL	9-May-96	POTASSIUM	2480	UG/L	B	5000	Y
70593	GW05136TE	REAL	9-May-96	SELENIUM	4 4	UG/L	BN	5	Y
70593	GW05136TE	REAL	9-May-96	SODIUM	65800	UG/L		5000	Y
70593	GW05217TE	REAL	10-Sep-96	ALUMINUM	25 4	UG/L	U	200	Y
70593	GW05217TE	REAL	10-Sep-96	ANTIMONY	28 4	UG/L	U	60	Y
70593	GW05217TE	REAL	10-Sep-96	ARSENIC	3 3	UG/L	U	10	Y
70593	GW05217TE	REAL	10-Sep-96	BARIUM	95 4	UG/L	B	200	Y
70593	GW05217TE	REAL	10-Sep-96	BERYLLIUM	1 1	UG/L	U	5	Y
70593	GW05217TE	REAL	10-Sep-96	CADMIUM	4 3	UG/L	U	5	Y
70593	GW05217TE	REAL	10-Sep-96	CALCIUM	23900	UG/L		5000	Y
70593	GW05217TE	REAL	10-Sep-96	CESIUM	200	UG/L	U	1000	Y
70593	GW05217TE	REAL	10-Sep-96	CHROMIUM	6 1	UG/L	U	10	Y
70593	GW05217TE	REAL	10-Sep-96	COBALT	4 4	UG/L	U	50	Y
70593	GW05217TE	REAL	10-Sep-96	COPPER	3 5	UG/L	U	25	Y
70593	GW05217TE	REAL	10-Sep-96	IRON	35	UG/L	U	100	Y
70593	GW05217TE	REAL	10-Sep-96	LEAD	3	UG/L	U	5	Y
70593	GW05217TE	REAL	10-Sep-96	LITHIUM	10 7	UG/L	U	100	Y
70593	GW05217TE	REAL	10-Sep-96	MAGNESIUM	5590	UG/L	E	5000	Y
70593	GW05217TE	REAL	10-Sep-96	MANGANESE	34 8	UG/L		15	Y
70593	GW05217TE	REAL	10-Sep-96	MERCURY	0 2	UG/L	U	0 2	Y
70593	GW05217TE	REAL	10-Sep-96	MOLYBDENUM	16 9	UG/L	B	200	Y
70593	GW05217TE	REAL	10-Sep-96	NICKEL	10 2	UG/L	U	40	Y
70593	GW05217TE	REAL	10-Sep-96	POTASSIUM	2570	UG/L	B	5000	Y
70593	GW05217TE	REAL	10-Sep-96	SELENIUM	4 1	UG/L	U	5	Y
70593	GW05217TE	REAL	10-Sep-96	SILICON	4180	UG/L		100	Y
70593	GW05217TE	REAL	10-Sep-96	SILVER	3 7	UG/L	U	10	Y
70593	GW05217TE	REAL	10-Sep-96	SODIUM	68000	UG/L		5000	Y
70593	GW05217TE	REAL	10-Sep-96	STRONTIUM	282	UG/L		200	Y
70593	GW05217TE	REAL	10-Sep-96	THALLIUM	6 1	UG/L	B	10	Y
70593	GW05217TE	REAL	10-Sep-96	TIN	26 8	UG/L	B	200	Y

Appendix A
Analytical Data for Dissolved Metals

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70593	GW05217TE	REAL	10-Sep-96	VANADIUM	3 2	UG/L	U	50	Y
70593	GW05217TE	REAL	10-Sep-96	ZINC	4	UG/L	U	20	Y
70593	GW05390TE	REAL	10-Dec-96	ALUMINUM	24 2	UG/L	U	200	Y
70593	GW05390TE	REAL	10-Dec-96	ANTIMONY	15 4	UG/L	U	60	Y
70593	GW05390TE	REAL	10-Dec-96	ARSENIC	4 3	UG/L	U	10	Y
70593	GW05390TE	REAL	10-Dec-96	BARIUM	96 3	UG/L	B	200	Y
70593	GW05390TE	REAL	10-Dec-96	BERYLLIUM	1 3	UG/L	U	5	Y
70593	GW05390TE	REAL	10-Dec-96	CADMIUM	4 5	UG/L	U	5	Y
70593	GW05390TE	REAL	10-Dec-96	CALCIUM	23800	UG/L		5000	Y
70593	GW05390TE	REAL	10-Dec-96	CESIUM	200	UG/L	U	1000	Y
70593	GW05390TE	REAL	10-Dec-96	CHROMIUM	4 3	UG/L	U	10	Y
70593	GW05390TE	REAL	10-Dec-96	COBALT	3 7	UG/L	U	50	Y
70593	GW05390TE	REAL	10-Dec-96	COPPER	3 2	UG/L	U	25	Y
70593	GW05390TE	REAL	10-Dec-96	IRON	11	UG/L	U	100	Y
70593	GW05390TE	REAL	10-Dec-96	LEAD	2 8	UG/L	U	5	Y
70593	GW05390TE	REAL	10-Dec-96	LITHIUM	25 5	UG/L	B	100	Y
70593	GW05390TE	REAL	10-Dec-96	MAGNESIUM	5520	UG/L		5000	Y
70593	GW05390TE	REAL	10-Dec-96	MANGANESE	28 2	UG/L		15	Y
70593	GW05390TE	REAL	10-Dec-96	MERCURY	0 2	UG/L	U	0 2	Y
70593	GW05390TE	REAL	10-Dec-96	MOLYBDENUM	10 7	UG/L	B	200	Y
70593	GW05390TE	REAL	10-Dec-96	NICKEL	16 2	UG/L	U	40	Y
70593	GW05390TE	REAL	10-Dec-96	POTASSIUM	2620	UG/L	B	5000	Y
70593	GW05390TE	REAL	10-Dec-96	SELENIUM	3 7	UG/L	U	5	Y
70593	GW05390TE	REAL	10-Dec-96	SILICON	4140	UG/L		100	Y
70593	GW05390TE	REAL	10-Dec-96	SILVER	3 4	UG/L	U	10	Y
70593	GW05390TE	REAL	10-Dec-96	SODIUM	66700	UG/L		5000	Y
70593	GW05390TE	REAL	10-Dec-96	STRONTIUM	306	UG/L		200	Y
70593	GW05390TE	REAL	10-Dec-96	THALLIUM	4 2	UG/L	U	10	Y
70593	GW05390TE	REAL	10-Dec-96	TIN	26 3	UG/L	B	200	Y
70593	GW05390TE	REAL	10-Dec-96	VANADIUM	4 2	UG/L	U	50	Y
70593	GW05390TE	REAL	10-Dec-96	ZINC	4 7	UG/L	U	20	Y

Appendix A
Analytical Data for Radionuclides

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Error	Q	Det Lim	Val
4087	GW05038TE	REAL	26-Apr-96	ALPHA	27 14	PCI/L	5 67		2 7	Y
4087	GW05038TE	REAL	26-Apr-96	AM-241	0 00383	PCI/L	0 00423 J	0	0 00626	Y
4087	GW05038TE	REAL	26-Apr-96	BETA	18 03	PCI/L	3 42		4 47	Y
4087	GW05038TE	REAL	26-Apr-96	PU-238	-0 000368	PCI/L	0 000737 J	0	0 0052	Y
4087	GW05038TE	REAL	26-Apr-96	PU239/40	0 003309	PCI/L	0 00377 J	0	0 00519	Y
4087	GW05038TE	REAL	26-Apr-96	RA-226	0 07663	PCI/L	0 157 J	0	0 269	Y
4087	GW05038TE	REAL	26-Apr-96	TRITIUM	15 39	PCI/L	198 J		302	Y
4087	GW05038TE	REAL	26-Apr-96	U-234	17 34	PCI/L	3 29		0 285	Y
4087	GW05038TE	REAL	26-Apr-96	U-235	0 6139	PCI/L	0 36		0 24	Y
4087	GW05038TE	REAL	26-Apr-96	U-238	12 64	PCI/L	2 53		0 257	Y
4087	GW05174TE	REAL	16-Jul-96	TRITIUM	97 08	PCI/L	201 J		303	Y
52894	GW05039TE	REAL	23-Apr-96	ALPHA	12 1	PCI/L	3 61		2 12	Y
52894	GW05039TE	REAL	23-Apr-96	BETA	8 123	PCI/L	2 83		4 46	Y
52894	GW05039TE	REAL	23-Apr-96	RA-226	0 2002	PCI/L	0 0858	0	0 0729	Y
52894	GW05039TE	REAL	23-Apr-96	TRITIUM	166 1	PCI/L	210 J		310	Y
52894	GW05039TE	REAL	23-Apr-96	U-234	11 39	PCI/L	2 23		0 232	Y
52894	GW05039TE	REAL	23-Apr-96	U-235	0 6095	PCI/L	0 339		0 118	Y
52894	GW05039TE	REAL	23-Apr-96	U-238	8 355	PCI/L	1 75		0 175	Y
5887	GW03107GA	REAL	8-Feb-96	ALPHA	1 485	PCI/L	0 827		0 75	Y
5887	GW03107GA	REAL	8-Feb-96	AM-241	0 002197	PCI/L	0 00365 J	0	0 00686	Y
5887	GW03107GA	REAL	8-Feb-96	BETA	2 271	PCI/L	1 39 J		2 66	Y
5887	GW03107GA	REAL	8-Feb-96	PU-238	0 002462	PCI/L	0 00349 J	0	0 00333	Y
5887	GW03107GA	REAL	8-Feb-96	PU239/40	0 003688	PCI/L	0 00428	0	0 00333	Y
5887	GW03107GA	REAL	8-Feb-96	RA-226	0 1749	PCI/L	0 059		0 0362	Y
5887	GW03107GA	REAL	8-Feb-96	RA-228	0 08096	PCI/L	0 2 J		0 41	Y
5887	GW03107GA	REAL	8-Feb-96	TRITIUM	40 58	PCI/L	193 J		293	Y
5887	GW03107GA	REAL	8-Feb-96	U-234	-0 0185	PCI/L	0 0216 J		0 383	Y
5887	GW03107GA	REAL	8-Feb-96	U-235	-0 0123	PCI/L	0 0176 J		0 351	Y
5887	GW03107GA	REAL	8-Feb-96	U-238	-0 0185	PCI/L	0 0216 J		0 383	Y
5887	GW05041TE	REAL	10-Apr-96	ALPHA	0 4102	PCI/L	0 552 J		1 04	Y
5887	GW05041TE	REAL	10-Apr-96	AM-241	0 001429	PCI/L	0 00518 J	0	0 0118	Y
5887	GW05041TE	REAL	10-Apr-96	BETA	0 5251	PCI/L	1 24 J		2 82	Y
5887	GW05041TE	REAL	10-Apr-96	PU-238	-0 00048	PCI/L	0 000962 J	0	0 00678	Y
5887	GW05041TE	REAL	10-Apr-96	PU239/40	-0 000959	PCI/L	0 00136 J	0	0 00823	Y
5887	GW05041TE	REAL	10-Apr-96	RA-226	0 2077	PCI/L	0 07		0 0688	Y
5887	GW05041TE	REAL	10-Apr-96	RA-228	0 3135	PCI/L	0 16		0 219	Y
5887	GW05041TE	REAL	10-Apr-96	TRITIUM	181 9	PCI/L	212 J		310	Y
5887	GW05041TE	REAL	10-Apr-96	U-234	-0 00765	PCI/L	0 0109 J		0 218	Y
5887	GW05041TE	REAL	10-Apr-96	U-235	0 04016	PCI/L	0 0964 J		0 218	Y
5887	GW05041TE	REAL	10-Apr-96	U-238	0 04399	PCI/L	0 0962 J		0 192	Y
5887	GW05176TE	REAL	15-Aug-96	ALPHA	0 3228	PCI/L	0 576 J		1 23	Y
5887	GW05176TE	REAL	15-Aug-96	AM-241	0 004421	PCI/L	0 00398	0	0 00239	Y
5887	GW05176TE	REAL	15-Aug-96	BETA	1 914	PCI/L	1 51 J		3 04	Y
5887	GW05176TE	REAL	15-Aug-96	PU-238	-0 00124	PCI/L	0 00143 J	0	0 00804	Y
5887	GW05176TE	REAL	15-Aug-96	PU239/40	0 00103	PCI/L	0 00206 J	0	0 00279	Y
5887	GW05176TE	REAL	15-Aug-96	RA-226	0 03328	PCI/L	0 0595 J		0 0997	Y
5887	GW05176TE	REAL	15-Aug-96	RA-228	0 1986	PCI/L	0 198 J		0 362	Y
5887	GW05176TE	REAL	15-Aug-96	TRITIUM	153 3	PCI/L	216 J		316	Y

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5887	GW05176TE	REAL	15-Aug-96	U-234	0 04129	PCI/L	0 0992 J	0 225	Y	
5887	GW05176TE	REAL	15-Aug-96	U-235	0 04916	PCI/L	0 0986 J	0 133	Y	
5887	GW05176TE	REAL	15-Aug-96	U-238	-0 00393	PCI/L	0 00789 J	0 198	Y	
6687	GW03109GA	REAL	16-Jan-96	ALPHA	1 379	PCI/L	1 07 J	1 57	Y	
6687	GW03109GA	REAL	16-Jan-96	AM-241	0 004738	PCI/L	0 00532 J	0 0088	Y	
6687	GW03109GA	REAL	16-Jan-96	BETA	1 866	PCI/L	1 07 J	2 05	Y	
6687	GW03109GA	REAL	16-Jan-96	PU-238	-0 00155	PCI/L	0 0018 J	0 0101	Y	
6687	GW03109GA	REAL	16-Jan-96	PU239/40	-0 00103	PCI/L	0 00146 J	0 00886	Y	
6687	GW03109GA	REAL	16-Jan-96	RA-226	0 2961	PCI/L	0 105	0 129	Y	
6687	GW03109GA	REAL	16-Jan-96	RA-228	0 604	PCI/L	0 407 J	0 647	Y	
6687	GW03109GA	REAL	16-Jan-96	TRITIUM	-5 13	PCI/L	206 J	320	Y	
6687	GW03109GA	REAL	16-Jan-96	U-234	0 5604	PCI/L	0 355	0 236	Y	
6687	GW03109GA	REAL	16-Jan-96	U-235	-0 0124	PCI/L	0 0145 J	0 258	Y	
6687	GW03109GA	REAL	16-Jan-96	U-238	0 1944	PCI/L	0 21 J	0 258	Y	
6687	GW05022TE	REAL	16-Apr-96	ALPHA	1 329	PCI/L	1 04 J	1 6	Y	
6687	GW05022TE	REAL	16-Apr-96	AM-241	0 002106	PCI/L	0 00437 J	0 00913	Y	
6687	GW05022TE	REAL	16-Apr-96	BETA	4 878	PCI/L	2 27	4 1	Y	
6687	GW05022TE	REAL	16-Apr-96	PU-238	-0 000564	PCI/L	0 00113 J	0 00796	Y	
6687	GW05022TE	REAL	16-Apr-96	PU239/40	-0 00113	PCI/L	0 0016 J	0 00967	Y	
6687	GW05022TE	REAL	16-Apr-96	RA-226	0 1534	PCI/L	0 0516	0 0393	Y	
6687	GW05022TE	REAL	16-Apr-96	RA-228	0 318	PCI/L	0 225 J	0 374	Y	
6687	GW05022TE	REAL	16-Apr-96	TRITIUM	-15 9	PCI/L	198 J	310	Y	
6687	GW05022TE	REAL	16-Apr-96	U-234	0 1254	PCI/L	0 154 J	0 202	Y	
6687	GW05022TE	REAL	16-Apr-96	U-235	-0 00353	PCI/L	0 00708 J	0 178	Y	
6687	GW05022TE	REAL	16-Apr-96	U-238	0 1289	PCI/L	0 154 J	0 178	Y	
6687	GW05212TE	REAL	14-Aug-96	ALPHA	0 9494	PCI/L	1 09 J	1 85	Y	
6687	GW05212TE	REAL	14-Aug-96	AM-241	0 003899	PCI/L	0 00387 J	0 00479	Y	
6687	GW05212TE	REAL	14-Aug-96	BETA	3 667	PCI/L	1 28	2 13	Y	
6687	GW05212TE	REAL	14-Aug-96	PU-238	0 00167	PCI/L	0 00307 J	0 0059	Y	
6687	GW05212TE	REAL	14-Aug-96	PU239/40	0 002921	PCI/L	0 00443 J	0 00814	Y	
6687	GW05212TE	REAL	14-Aug-96	RA-226	0 09575	PCI/L	0 0459	0 0553	Y	
6687	GW05212TE	REAL	14-Aug-96	RA-228	0 3399	PCI/L	0 284 J	0 495	Y	
6687	GW05212TE	REAL	14-Aug-96	TRITIUM	-39	PCI/L	205 J	316	Y	
6687	GW05212TE	REAL	14-Aug-96	U-234	0 4955	PCI/L	0 344	0 419	Y	
6687	GW05212TE	REAL	14-Aug-96	U-235	0 08451	PCI/L	0 137 J	0 239	Y	
6687	GW05212TE	REAL	14-Aug-96	U-238	0 121	PCI/L	0 169 J	0 285	Y	
6687	GW05355TE	REAL	13-Nov-96	ALPHA	0 8537	PCI/L	0 822 J	1 33	Y	
6687	GW05355TE	REAL	13-Nov-96	AM-241	0 001274	PCI/L	0 00347 J	0 00782	Y	
6687	GW05355TE	REAL	13-Nov-96	BETA	4 636	PCI/L	1 85	3 23	Y	
6687	GW05355TE	REAL	13-Nov-96	PU-238	0 0005448	PCI/L	0 00196 J	0 00513	Y	
6687	GW05355TE	REAL	13-Nov-96	PU239/40	-0 000363	PCI/L	0 000727 J	0 00513	Y	
6687	GW05355TE	REAL	13-Nov-96	RA-226	0 2037	PCI/L	0 0684	0 0537	Y	
6687	GW05355TE	REAL	13-Nov-96	RA-228	1 254	PCI/L	0 426	0 386	Y	
6687	GW05355TE	REAL	13-Nov-96	TRITIUM	12	PCI/L	100 U	250	Z	
6687	GW05355TE	REAL	13-Nov-96	U-234	0 7942	PCI/L	0 416	0 285	Y	
6687	GW05355TE	REAL	13-Nov-96	U-235	-0 0154	PCI/L	0 0156 J	0 257	Y	
6687	GW05355TE	REAL	13-Nov-96	U-238	0 473	PCI/L	0 313	0 22	Y	
70093	GW03116GA	REAL	29-Feb-96	ALPHA	4 297	PCI/L	1 46	1 26	Y	

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70093	GW03116GA	REAL	29-Feb-96	AM-241	0 003944	PCI/L	0 00435 J	0 00645	Y	
70093	GW03116GA	REAL	29-Feb-96	BETA	6 592	PCI/L	1 48	2 06	Y	
70093	GW03116GA	REAL	29-Feb-96	PU-238	0 002106	PCI/L	0 00535 J	0 0121	Y	
70093	GW03116GA	REAL	29-Feb-96	PU239/40	-0 0021	PCI/L	0 00244 J	0 0137	Y	
70093	GW03116GA	REAL	29-Feb-96	RA-226	0 2269	PCI/L	0 076	0 0724	Y	
70093	GW03116GA	REAL	29-Feb-96	RA-228	0 6199	PCI/L	0 277	0 357	Y	
70093	GW03116GA	REAL	29-Feb-96	TRITIUM	109 2	PCI/L	209 J	314	Y	
70093	GW03116GA	REAL	29-Feb-96	U-234	0 02698	PCI/L	0 154 J	0 482	Y	
70093	GW03116GA	REAL	29-Feb-96	U-235	0 1259	PCI/L	0 215 J	0 4	Y	
70093	GW03116GA	REAL	29-Feb-96	U-238	0 4377	PCI/L	0 377	0 342	Y	
70093	GW05116TE	REAL	20-Jun-96	ALPHA	0 0194	PCI/L	0 182 J	0 495	Y	
70093	GW05116TE	REAL	20-Jun-96	AM-241	0 002493	PCI/L	0 00354 J	0 00337	Y	
70093	GW05116TE	REAL	20-Jun-96	BETA	3 821	PCI/L	1 71	3 02	Y	
70093	GW05116TE	REAL	20-Jun-96	PU-238	0 001241	PCI/L	0 00249 J	0 00336	Y	
70093	GW05116TE	REAL	20-Jun-96	PU239/40	0 001985	PCI/L	0 00365 J	0 00701	Y	
70093	GW05116TE	REAL	20-Jun-96	RA-226	0 1834	PCI/L	0 0607	0 0387	Y	
70093	GW05116TE	REAL	20-Jun-96	RA-228	0 4136	PCI/L	0 203	0 271	Y	
70093	GW05116TE	REAL	20-Jun-96	TRITIUM	-137	PCI/L	183 J	294	Y	
70093	GW05116TE	REAL	20-Jun-96	U-234	0 1663	PCI/L	0 194	0 15	Y	
70093	GW05116TE	REAL	20-Jun-96	U-235	-0 00443	PCI/L	0 0089 J	0 223	Y	
70093	GW05116TE	REAL	20-Jun-96	U-238	0 1619	PCI/L	0 194 J	0 223	Y	
70093	GW05178TE	REAL	29-Aug-96	TRITIUM	-84	PCI/L	100 U	260	Z	
70093	GW05423TE	REAL	5-Dec-96	ALPHA	0 1621	PCI/L	0 261 J	0 531	Y	
70093	GW05423TE	REAL	5-Dec-96	AM-241	0 006263	PCI/L	0 00516	0 00282	Y	
70093	GW05423TE	REAL	5-Dec-96	BETA	2 386	PCI/L	1 52 J	2 93	Y	
70093	GW05423TE	REAL	5-Dec-96	PU-238	0	PCI/L	0 0037 J	0 00334	Y	
70093	GW05423TE	REAL	5-Dec-96	PU239/40	0 002466	PCI/L	0 0035 J	0 00334	Y	
70093	GW05423TE	REAL	5-Dec-96	RA-226	0 2577	PCI/L	0 0914	0 109	Y	
70093	GW05423TE	REAL	5-Dec-96	RA-228	0 5718	PCI/L	0 313	0 54	Y	
70093	GW05423TE	REAL	5-Dec-96	TRITIUM	90	PCI/L	100 U	240	Z	
70093	GW05423TE	REAL	5-Dec-96	U-234	0 06459	PCI/L	0 117 J	0 246	Y	
70093	GW05423TE	REAL	5-Dec-96	U-235	0 05962	PCI/L	0 0881 J	0 157	Y	
70093	GW05423TE	REAL	5-Dec-96	U-235	0 03507	PCI/L	0 186 J	0 553	Y	
70093	GW05423TE	REAL	5-Dec-96	U-238	0 02484	PCI/L	0 0738 J	0 183	Y	
70193	GW03127GA	REAL	27-Feb-96	ALPHA	0 8415	PCI/L	0 518	0 698	Y	
70193	GW03127GA	REAL	27-Feb-96	AM-241	0 001638	PCI/L	0 0034 J	0 0071	Y	
70193	GW03127GA	REAL	27-Feb-96	BETA	2 304	PCI/L	1 19	2 24	Y	
70193	GW03127GA	REAL	27-Feb-96	PU-238	0 003565	PCI/L	0 00413	0 00322	Y	
70193	GW03127GA	REAL	27-Feb-96	PU239/40	0	PCI/L	0 00356 J	0 00321	Y	
70193	GW03127GA	REAL	27-Feb-96	RA-226	0 2213	PCI/L	0 0753	0 0866	Y	
70193	GW03127GA	REAL	27-Feb-96	RA-228	0 8034	PCI/L	0 311	0 343	Y	
70193	GW03127GA	REAL	27-Feb-96	TRITIUM	-42 1	PCI/L	204 J	319	Y	
70193	GW03127GA	REAL	27-Feb-96	U-234	0 3143	PCI/L	0 271 J	0 333	Y	
70193	GW03127GA	REAL	27-Feb-96	U-235	-0 016	PCI/L	0 0162 J	0 267	Y	
70193	GW03127GA	REAL	27-Feb-96	U-238	0 2342	PCI/L	0 227 J	0 267	Y	
70193	GW05023TE	REAL	9-Apr-96	ALPHA	0 2708	PCI/L	0 397 J	0 786	Y	
70193	GW05023TE	REAL	9-Apr-96	AM-241	0 002134	PCI/L	0 00443 J	0 00925	Y	
70193	GW05023TE	REAL	9-Apr-96	BETA	1 925	PCI/L	1 46 J	2 92	Y	

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70193	GW05023TE	REAL	9-Apr-96	PU-238	-0 00169	PCI/L	0 00196 J	0 011 Y		
70193	GW05023TE	REAL	9-Apr-96	PU239/40	0 001689	PCI/L	0 00429 J	0 00966 Y		
70193	GW05023TE	REAL	9-Apr-96	RA-226	0 1839	PCI/L	0 0634	0 0438 Y		
70193	GW05023TE	REAL	9-Apr-96	RA-228	0 4808	PCI/L	0 208	0 26 Y		
70193	GW05023TE	REAL	9-Apr-96	TRITIUM	125 9	PCI/L	208 J	310 Y		
70193	GW05023TE	REAL	9-Apr-96	U-234	0 03615	PCI/L	0 108 J	0 284 Y		
70193	GW05023TE	REAL	9-Apr-96	U-235	0 0404	PCI/L	0 108 J	0 265 Y		
70193	GW05023TE	REAL	9-Apr-96	U-238	-0 00425	PCI/L	0 00853 J	0 214 Y		
70193	GW05214TE	REAL	30-Aug-96	TRITIUM	-57	PCI/L	110 U	260 Z		
70193	GW05389TE	REAL	25-Nov-96	ALPHA	0 127	PCI/L	0 306 J	0 727 Y		
70193	GW05389TE	REAL	25-Nov-96	AM-241	0 006871	PCI/L	0 00516	0 00575 Y		
70193	GW05389TE	REAL	25-Nov-96	BETA	3 1	PCI/L	1 17	1 96 Y		
70193	GW05389TE	REAL	25-Nov-96	PU-238	-0 00202	PCI/L	0 00182 J	0 00939 Y		
70193	GW05389TE	REAL	25-Nov-96	PU239/40	-0 000202	PCI/L	0 00246 J	0 00788 Y		
70193	GW05389TE	REAL	25-Nov-96	RA-226	0 2148	PCI/L	0 0807	0 0658 Y		
70193	GW05389TE	REAL	25-Nov-96	RA-228	0 6085	PCI/L	0 282	0 391 Y		
70193	GW05389TE	REAL	25-Nov-96	TRITIUM	82	PCI/L	110 U	250 Z		
70193	GW05389TE	REAL	25-Nov-96	U-234	0 09158	PCI/L	0 0647	0 0684 Y		
70193	GW05389TE	REAL	25-Nov-96	U-235	-0 0159	PCI/L	0 016 J	0 0855 Y		
70193	GW05389TE	REAL	25-Nov-96	U-238	0 03385	PCI/L	0 0474 J	0 0855 Y		
70393	GW03128GA	REAL	14-Mar-96	ALPHA	0 3777	PCI/L	0 353 J	0 581 Y		
70393	GW03128GA	REAL	14-Mar-96	AM-241	0 00173	PCI/L	0 006 J	0 0127 Y		
70393	GW03128GA	REAL	14-Mar-96	BETA	2 186	PCI/L	1 07	1 97 Y		
70393	GW03128GA	REAL	14-Mar-96	PU-238	0 0008004	PCI/L	0 00287 J	0 00753 Y		
70393	GW03128GA	REAL	14-Mar-96	PU239/40	-0 000533	PCI/L	0 00107 J	0 00753 Y		
70393	GW03128GA	REAL	14-Mar-96	TRITIUM	-93 2	PCI/L	195 J	308 Y		
70393	GW03128GA	REAL	14-Mar-96	U-234	0 08193	PCI/L	0 173 J	0 387 Y		
70393	GW03128GA	REAL	14-Mar-96	U-235	-0 0193	PCI/L	0 0196 J	0 322 Y		
70393	GW03128GA	REAL	14-Mar-96	U-238	0 0506	PCI/L	0 122 J	0 275 Y		
70393	GW05134TE	REAL	10-Jun-96	ALPHA	0 1179	PCI/L	0 31 J	0 763 Y		
70393	GW05134TE	REAL	10-Jun-96	AM-241	-0 000683	PCI/L	0 00292 J	0 00978 Y		
70393	GW05134TE	REAL	10-Jun-96	BETA	1 58	PCI/L	1 45 J	2 99 Y		
70393	GW05134TE	REAL	10-Jun-96	PU-238	0 002563	PCI/L	0 00472 J	0 00905 Y		
70393	GW05134TE	REAL	10-Jun-96	PU239/40	0 004161	PCI/L	0 00571 J	0 00904 Y		
70393	GW05134TE	REAL	10-Jun-96	RA-226	0 08394	PCI/L	0 0465	0 0548 Y		
70393	GW05134TE	REAL	10-Jun-96	RA-228	0 3028	PCI/L	0 239 J	0 466 Y		
70393	GW05134TE	REAL	10-Jun-96	TRITIUM	197 2	PCI/L	201 J	288 Y		
70393	GW05134TE	REAL	10-Jun-96	U-234	0 05048	PCI/L	0 11 J	0 221 Y		
70393	GW05134TE	REAL	10-Jun-96	U-235	0 PCI/L		0 165 J	0 148 Y		
70393	GW05134TE	REAL	10-Jun-96	U-238	0 05048	PCI/L	0 11 J	0 221 Y		
70393	GW05215TE	REAL	18-Sep-96	TRITIUM	130	PCI/L	100 U	240 Z		
70493	GW05085TE	REAL	9-May-96	ALPHA	0 6605	PCI/L	0 438	0 538 Y		
70493	GW05085TE	REAL	9-May-96	AM-241	0 003865	PCI/L	0 00389	0 00261 Y		
70493	GW05085TE	REAL	9-May-96	BETA	2 031	PCI/L	1 57 J	3 16 Y		
70493	GW05085TE	REAL	9-May-96	PU-238	0 001146	PCI/L	0 0023 J	0 0031 Y		
70493	GW05085TE	REAL	9-May-96	PU239/40	0 000458	PCI/L	0 00372 J	0 00984 Y		
70493	GW05085TE	REAL	9-May-96	RA-226	0 2899	PCI/L	0 0712	0 037 Y		
70493	GW05085TE	REAL	9-May-96	RA-228	0 953	PCI/L	0 36	0 493 Y		

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70493	GW05085TE	REAL	9-May-96	TRITIUM	-98	PCI/L	209 J		333	Y
70493	GW05085TE	REAL	9-May-96	U-234	0 8851	PCI/L	0 456		0 328	Y
70493	GW05085TE	REAL	9-May-96	U-235	0 09381	PCI/L	0 145 J		0 233	Y
70493	GW05085TE	REAL	9-May-96	U-238	0 4854	PCI/L	0 332		0 302	Y
70493	GW05318TE	REAL	7-Nov-96	ALPHA	1 903	PCI/L	0 942		0 939	Y
70493	GW05318TE	REAL	7-Nov-96	AM-241	0 007167	PCI/L	0 00606 J		0 00832	Y
70493	GW05318TE	REAL	7-Nov-96	BETA	3 633	PCI/L	1 68		3 05	Y
70493	GW05318TE	REAL	7-Nov-96	PU-238	0 001808	PCI/L	0 00333 J		0 00638	Y
70493	GW05318TE	REAL	7-Nov-96	PU239/40	0	PCI/L	0 00339 J		0 00306	Y
70493	GW05318TE	REAL	7-Nov-96	RA-226	0 1921	PCI/L	0 0751		0 0709	Y
70493	GW05318TE	REAL	7-Nov-96	RA-228	0 7525	PCI/L	0 392		0 616	Y
70493	GW05318TE	REAL	7-Nov-96	TRITIUM	14	PCI/L	100 U		240	Z
70493	GW05318TE	REAL	7-Nov-96	U-234	1 121	PCI/L	0 501		0 197	Y
70493	GW05318TE	REAL	7-Nov-96	U-235	-0 00783	PCI/L	0 0111 J		0 223	Y
70493	GW05318TE	REAL	7-Nov-96	U-238	0 5341	PCI/L	0 335		0 197	Y
70593	GW03129GA	REAL	29-Feb-96	ALPHA	0 5026	PCI/L	0 747 J		1 51	Y
70593	GW03129GA	REAL	29-Feb-96	AM-241	0 006314	PCI/L	0 0052		0 00285	Y
70593	GW03129GA	REAL	29-Feb-96	BETA	3 103	PCI/L	1 6		2 99	Y
70593	GW03129GA	REAL	29-Feb-96	PU-238	0 001001	PCI/L	0 002 J		0 00271	Y
70593	GW03129GA	REAL	29-Feb-96	PU239/40	0	PCI/L	0 003 J		0 00271	Y
70593	GW03129GA	REAL	29-Feb-96	RA-226	0 1999	PCI/L	0 0668		0 0686	Y
70593	GW03129GA	REAL	29-Feb-96	RA-228	0 255	PCI/L	0 21 J		0 367	Y
70593	GW03129GA	REAL	29-Feb-96	TRITIUM	-125	PCI/L	194 J		314	Y
70593	GW03129GA	REAL	29-Feb-96	U-234	0 301	PCI/L	0 266 J		0 348	Y
70593	GW03129GA	REAL	29-Feb-96	U-235	-0 0157	PCI/L	0 0159 J		0 263	Y
70593	GW03129GA	REAL	29-Feb-96	U-238	0 09049	PCI/L	0 14 J		0 225	Y
70593	GW05136TE	REAL	9-May-96	ALPHA	0 06329	PCI/L	0 208 J		0 493	Y
70593	GW05136TE	REAL	9-May-96	AM-241	0 005306	PCI/L	0 00473 J		0 00535	Y
70593	GW05136TE	REAL	9-May-96	BETA	1 683	PCI/L	1 46 J		3 01	Y
70593	GW05136TE	REAL	9-May-96	PU-238	-0 000406	PCI/L	0 000814 J		0 00574	Y
70593	GW05136TE	REAL	9-May-96	PU239/40	0 0008119	PCI/L	0 0032 J		0 00792	Y
70593	GW05136TE	REAL	9-May-96	RA-226	0 1743	PCI/L	0 0654		0 0807	Y
70593	GW05136TE	REAL	9-May-96	RA-228	0 6575	PCI/L	0 254		0 279	Y
70593	GW05136TE	REAL	9-May-96	TRITIUM	-21	PCI/L	214 J		333	Y
70593	GW05136TE	REAL	9-May-96	U-234	0 0713	PCI/L	0 134 J		0 278	Y
70593	GW05136TE	REAL	9-May-96	U-235	0 0394	PCI/L	0 0946 J		0 214	Y
70593	GW05136TE	REAL	9-May-96	U-238	0 2158	PCI/L	0 213 J		0 265	Y
70593	GW05217TE	REAL	10-Sep-96	TRITIUM	43	PCI/L	100 U		250	Z
70593	GW05390TE	REAL	10-Dec-96	ALPHA	0 9728	PCI/L	0 715		0 954	Y
70593	GW05390TE	REAL	10-Dec-96	AM-241	0 00258	PCI/L	0 00704 J		0 0158	Y
70593	GW05390TE	REAL	10-Dec-96	BETA	3 987	PCI/L	1 84		3 3	Y
70593	GW05390TE	REAL	10-Dec-96	PU-238	0 002436	PCI/L	0 00619 J		0 0139	Y
70593	GW05390TE	REAL	10-Dec-96	PU239/40	0 0008114	PCI/L	0 00659 J		0 0174	Y
70593	GW05390TE	REAL	10-Dec-96	PU239/40	0 0004168	PCI/L	0 00479 J		0 0143	Y
70593	GW05390TE	REAL	10-Dec-96	RA-226	0 2277	PCI/L	0 0647		0 0464	Y
70593	GW05390TE	REAL	10-Dec-96	RA-228	0 5376	PCI/L	0 283		0 406	Y
70593	GW05390TE	REAL	10-Dec-96	TRITIUM	100	PCI/L	100 U		240	Z
70593	GW05390TE	REAL	10-Dec-96	U-234	0 1473	PCI/L	0 131 J		0 149	Y

Appendix A
Analytical Data for Radionuclides

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Error	Q	Det Lim	Val
70593	GW05390TE	REAL	10-Dec-96	U-235	-0 00526	PCI/L	0 0105 J	0 126	Y	
70593	GW05390TE	REAL	10-Dec-96	U-238	0 07363	PCI/L	0 0922 J	0 126	Y	
B206989	GW03132GA	REAL	22-Jan-96	TRITIUM	-151	PCI/L	196 J	320	Y	
B206989	GW05179TE	REAL	16-Jul-96	TRITIUM	-196	PCI/L	182 J	303	Y	

Appendix A
Analytical Data for Water Quality Parameters

Location	Sample Number	QC Typ	Date	Analyte	Resul	Units	Q	Det	Lim Val
4087	GW05038TE	REAL	26-Apr-96	BICARBONATE AS CACO ₃	294	MG/L		10	Y
4087	GW05038TE	REAL	26-Apr-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
4087	GW05038TE	REAL	26-Apr-96	CHLORIDE	48 5	MG/L		5	Y
4087	GW05038TE	REAL	26-Apr-96	NITRATE/NITRITE	0 35	MG/L		0 05	Y
4087	GW05038TE	REAL	26-Apr-96	SULFATE	301	MG/L		50	Y
4087	GW05038TE	REAL	26-Apr-96	TOTAL DISSOLVED SOLIDS	757	MG/L		10	Y
4087	GW05174TE	REAL	16-Jul-96	NITRATE/NITRITE	1 1	MG/L		0 05	Y
52894	GW05039TE	REAL	23-Apr-96	BICARBONATE AS CACO ₃	189	MG/L		10	Y
52894	GW05039TE	REAL	23-Apr-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
52894	GW05039TE	REAL	23-Apr-96	CHLORIDE	57 8	MG/L		10	Y
52894	GW05039TE	REAL	23-Apr-96	NITRATE/NITRITE	1 6	MG/L		0 2	Y
52894	GW05039TE	REAL	23-Apr-96	SULFATE	170	MG/L		25	Y
52894	GW05039TE	REAL	23-Apr-96	TOTAL DISSOLVED SOLIDS	568	MG/L		10	Y
5887	GW05041TE	REAL	10-Apr-96	BICARBONATE AS CACO ₃	37 9	MG/L		10	Y
5887	GW05041TE	REAL	10-Apr-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
5887	GW05041TE	REAL	10-Apr-96	CHLORIDE	5 6	MG/L		5	Y
5887	GW05041TE	REAL	10-Apr-96	NITRATE/NITRITE	3 8	MG/L		0 1	Y
5887	GW05041TE	REAL	10-Apr-96	SULFATE	30 6	MG/L		5	Y
5887	GW05041TE	REAL	10-Apr-96	TOTAL DISSOLVED SOLIDS	161	MG/L		10	Y
5887	GW05176TE	REAL	15-Aug-96	BICARBONATE AS CACO ₃	37 7	MG/L		10	Y
5887	GW05176TE	REAL	15-Aug-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
5887	GW05176TE	REAL	15-Aug-96	CHLORIDE	5 9	MG/L		5	Y
5887	GW05176TE	REAL	15-Aug-96	NITRATE/NITRITE	3 4	MG/L		0 25	Y
5887	GW05176TE	REAL	15-Aug-96	SULFATE	29 9	MG/L		5	Y
5887	GW05176TE	REAL	15-Aug-96	TOTAL DISSOLVED SOLIDS	143	MG/L		10	Y
6687	GW05022TE	REAL	16-Apr-96	BICARBONATE AS CACO ₃	47	MG/L		10	Y
6687	GW05022TE	REAL	16-Apr-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
6687	GW05022TE	REAL	16-Apr-96	CHLORIDE	5 3	MG/L		5	Y
6687	GW05022TE	REAL	16-Apr-96	NITRATE/NITRITE	5 2	MG/L		0 25	Y
6687	GW05022TE	REAL	16-Apr-96	SULFATE	489	MG/L		50	Y
6687	GW05022TE	REAL	16-Apr-96	TOTAL DISSOLVED SOLIDS	807	MG/L		10	Y
6687	GW05212TE	REAL	14-Aug-96	BICARBONATE AS CACO ₃	49 5	MG/L		10	Y
6687	GW05212TE	REAL	14-Aug-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
6687	GW05212TE	REAL	14-Aug-96	CHLORIDE	6 4	MG/L		5	Y
6687	GW05212TE	REAL	14-Aug-96	NITRATE/NITRITE	6 1	MG/L		0 5	Y
6687	GW05212TE	REAL	14-Aug-96	SULFATE	259	MG/L		50	Y
6687	GW05212TE	REAL	14-Aug-96	TOTAL DISSOLVED SOLIDS	549	MG/L		10	Y
6687	GW05355TE	REAL	13-Nov-96	BICARBONATE AS CACO ₃	52 9	MG/L		10	Y
6687	GW05355TE	REAL	13-Nov-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
6687	GW05355TE	REAL	13-Nov-96	CHLORIDE	5 8	MG/L		5	Y
6687	GW05355TE	REAL	13-Nov-96	NITRATE/NITRITE	6 2	MG/L		0 25	Y
6687	GW05355TE	REAL	13-Nov-96	SULFATE	200	MG/L		25	Y
6687	GW05355TE	REAL	13-Nov-96	TOTAL DISSOLVED SOLIDS	443	MG/L		10	Y
70093	GW03116GA	REAL	29-Feb-96	BICARBONATE AS CACO ₃	33 1	MG/L		10	Y
70093	GW03116GA	REAL	29-Feb-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
70093	GW03116GA	REAL	29-Feb-96	CHLORIDE	5 1	MG/L		5	Y
70093	GW03116GA	REAL	29-Feb-96	NITRATE/NITRITE	2 3	MG/L		0 2	Y

Appendix A
Analytical Data for Water Quality Parameters

Location	Sample Number	QC Typ	Date	Analyte	Resul	Units	Q	Det	Lim	Val
70093	GW03116GA	REAL	29-Feb-96	SULFATE	31 6	MG/L		5	Y	
70093	GW03116GA	REAL	29-Feb-96	TOTAL DISSOLVED SOLIDS	141	MG/L		10	Y	
70093	GW05116TE	REAL	20-Jun-96	BICARBONATE AS CACO ₃	33 1	MG/L		10	Y	
70093	GW05116TE	REAL	20-Jun-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y	
70093	GW05116TE	REAL	20-Jun-96	CHLORIDE	5 4	MG/L		5	Y	
70093	GW05116TE	REAL	20-Jun-96	NITRATE/NITRITE	2 1	MG/L		0 1	Y	
70093	GW05116TE	REAL	20-Jun-96	SULFATE	31 1	MG/L		5	Y	
70093	GW05116TE	REAL	20-Jun-96	TOTAL DISSOLVED SOLIDS	170	MG/L		10	Y	
70093	GW05178TE	REAL	29-Aug-96	BICARBONATE AS CACO ₃	34	MG/L		10	Y	
70093	GW05178TE	REAL	29-Aug-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y	
70093	GW05178TE	REAL	29-Aug-96	CHLORIDE	5 2	MG/L		5	Y	
70093	GW05178TE	REAL	29-Aug-96	NITRATE/NITRITE	2	MG/L		0 25	Y	
70093	GW05178TE	REAL	29-Aug-96	SULFATE	30 8	MG/L		5	Y	
70093	GW05178TE	REAL	29-Aug-96	TOTAL DISSOLVED SOLIDS	155	MG/L		10	Y	
70093	GW05423TE	REAL	5-Dec-96	BICARBONATE AS CACO ₃	34 7	MG/L		10	Y	
70093	GW05423TE	REAL	5-Dec-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y	
70093	GW05423TE	REAL	5-Dec-96	CHLORIDE	6 3	MG/L		5	Y	
70093	GW05423TE	REAL	5-Dec-96	NITRATE/NITRITE	2	MG/L		0 05	Y	
70093	GW05423TE	REAL	5-Dec-96	SULFATE	31	MG/L		5	Y	
70093	GW05423TE	REAL	5-Dec-96	TOTAL DISSOLVED SOLIDS	113	MG/L		10	Y	
70193	GW03127GA	REAL	27-Feb-96	BICARBONATE AS CACO ₃	87 7	MG/L		10	Y	
70193	GW03127GA	REAL	27-Feb-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y	
70193	GW03127GA	REAL	27-Feb-96	CHLORIDE	2 9	MG/L	J	5	Y	
70193	GW03127GA	REAL	27-Feb-96	NITRATE/NITRITE	1 3	MG/L		0 2	Y	
70193	GW03127GA	REAL	27-Feb-96	SULFATE	18 4	MG/L		5	Y	
70193	GW03127GA	REAL	27-Feb-96	TOTAL DISSOLVED SOLIDS	171	MG/L		10	Y	
70193	GW05023TE	REAL	9-Apr-96	BICARBONATE AS CACO ₃	72 7	MG/L		10	Y	
70193	GW05023TE	REAL	9-Apr-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y	
70193	GW05023TE	REAL	9-Apr-96	CHLORIDE	0 05	MG/L	U	5	Y	
70193	GW05023TE	REAL	9-Apr-96	NITRATE/NITRITE	1 8	MG/L		0 05	Y	
70193	GW05023TE	REAL	9-Apr-96	SULFATE	19 7	MG/L		5	Y	
70193	GW05023TE	REAL	9-Apr-96	TOTAL DISSOLVED SOLIDS	176	MG/L		10	Y	
70193	GW05214TE	REAL	30-Aug-96	BICARBONATE AS CACO ₃	55 1	MG/L		10	Y	
70193	GW05214TE	REAL	30-Aug-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y	
70193	GW05214TE	REAL	30-Aug-96	CHLORIDE	4 1	MG/L	B	5	Y	
70193	GW05214TE	REAL	30-Aug-96	NITRATE/NITRITE	2 1	MG/L		0 25	Y	
70193	GW05214TE	REAL	30-Aug-96	SULFATE	20	MG/L		5	Y	
70193	GW05214TE	REAL	30-Aug-96	TOTAL DISSOLVED SOLIDS	143	MG/L		10	Y	
70393	GW03128GA	REAL	14-Mar-96	BICARBONATE AS CACO ₃	40	MG/L		10	Y	
70393	GW03128GA	REAL	14-Mar-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y	
70393	GW03128GA	REAL	14-Mar-96	CHLORIDE	5 1	MG/L		5	Y	
70393	GW03128GA	REAL	14-Mar-96	NITRATE/NITRITE	3 1	MG/L		0 2	Y	
70393	GW03128GA	REAL	14-Mar-96	SULFATE	21 8	MG/L		5	Y	
70393	GW03128GA	REAL	14-Mar-96	TOTAL DISSOLVED SOLIDS	147	MG/L		10	Y	
70393	GW05134TE	REAL	10-Jun-96	BICARBONATE AS CACO ₃	36 1	MG/L		10	Y	
70393	GW05134TE	REAL	10-Jun-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y	
70393	GW05134TE	REAL	10-Jun-96	CHLORIDE	5 8	MG/L		5	Y	

Appendix A
Analytical Data for Water Quality Parameters

Location	Sample Number	QC Typ	Date	Analyte	Resul	Units	Q	Det Lim	Val
70393	GW05134TE	REAL	10-Jun-96	NITRATE/NITRITE	4 1	MG/L		0 25	Y
70393	GW05134TE	REAL	10-Jun-96	SULFATE	25 4	MG/L		5	Y
70393	GW05134TE	REAL	10-Jun-96	TOTAL DISSOLVED SOLIDS	172	MG/L		10	Y
70393	GW05215TE	REAL	18-Sep-96	BICARBONATE AS CACO ₃	36 2	MG/L		10	Y
70393	GW05215TE	REAL	18-Sep-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
70393	GW05215TE	REAL	18-Sep-96	CHLORIDE	6 1	MG/L		5	Y
70393	GW05215TE	REAL	18-Sep-96	NITRATE/NITRITE	3 6	MG/L		0 5	Y
70393	GW05215TE	REAL	18-Sep-96	SULFATE	27 2	MG/L		5	Y
70393	GW05215TE	REAL	18-Sep-96	TOTAL DISSOLVED SOLIDS	167	MG/L		10	Y
70493	GW05085TE	REAL	9-May-96	BICARBONATE AS CACO ₃	113	MG/L		10	Y
70493	GW05085TE	REAL	9-May-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
70493	GW05085TE	REAL	9-May-96	CHLORIDE	2 8	MG/L	B	5	Y
70493	GW05085TE	REAL	9-May-96	NITRATE/NITRITE	2	MG/L		0 2	Y
70493	GW05085TE	REAL	9-May-96	SULFATE	12 3	MG/L		5	Y
70493	GW05085TE	REAL	9-May-96	TOTAL DISSOLVED SOLIDS	192	MG/L		10	Y
70493	GW05318TE	REAL	7-Nov-96	BICARBONATE AS CACO ₃	119	MG/L		10	Y
70493	GW05318TE	REAL	7-Nov-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
70493	GW05318TE	REAL	7-Nov-96	CHLORIDE	2 5	MG/L	B	5	Y
70493	GW05318TE	REAL	7-Nov-96	NITRATE/NITRITE	2	MG/L		0 05	Y
70493	GW05318TE	REAL	7-Nov-96	SULFATE	11 9	MG/L		5	Y
70493	GW05318TE	REAL	7-Nov-96	TOTAL DISSOLVED SOLIDS	162	MG/L		10	Y
70593	GW03129GA	REAL	29-Feb-96	BICARBONATE AS CACO ₃	194	MG/L		10	Y
70593	GW03129GA	REAL	29-Feb-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
70593	GW03129GA	REAL	29-Feb-96	CHLORIDE	11	MG/L		5	Y
70593	GW03129GA	REAL	29-Feb-96	NITRATE/NITRITE	0 01	MG/L	U	0 05	Y
70593	GW03129GA	REAL	29-Feb-96	SULFATE	2 9	MG/L	J	5	Y
70593	GW03129GA	REAL	29-Feb-96	TOTAL DISSOLVED SOLIDS	241	MG/L		10	Y
70593	GW05136TE	REAL	9-May-96	BICARBONATE AS CACO ₃	183	MG/L		10	Y
70593	GW05136TE	REAL	9-May-96	CARBONATE AS CACO ₃	0 22	MG/L	U	10	Y
70593	GW05136TE	REAL	9-May-96	CHLORIDE	11 2	MG/L		5	Y
70593	GW05136TE	REAL	9-May-96	NITRATE/NITRITE	0 01	MG/L	U	0 05	Y
70593	GW05136TE	REAL	9-May-96	SULFATE	4 4	MG/L	B	5	Y
70593	GW05136TE	REAL	9-May-96	TOTAL DISSOLVED SOLIDS	241	MG/L		10	Y
70593	GW05217TE	REAL	10-Sep-96	BICARBONATE AS CACO ₃	192	MG/L		10	Y
70593	GW05217TE	REAL	10-Sep-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
70593	GW05217TE	REAL	10-Sep-96	CHLORIDE	11 1	MG/L		5	Y
70593	GW05217TE	REAL	10-Sep-96	NITRATE/NITRITE	0 01	MG/L	U	0 05	Y
70593	GW05217TE	REAL	10-Sep-96	SULFATE	3 2	MG/L	B	5	Y
70593	GW05217TE	REAL	10-Sep-96	TOTAL DISSOLVED SOLIDS	240	MG/L		10	Y
70593	GW05390TE	REAL	10-Dec-96	BICARBONATE AS CACO ₃	190	MG/L		10	Y
70593	GW05390TE	REAL	10-Dec-96	CARBONATE AS CACO ₃	0 83	MG/L	U	10	Y
70593	GW05390TE	REAL	10-Dec-96	CHLORIDE	10 9	MG/L		5	Y
70593	GW05390TE	REAL	10-Dec-96	NITRATE/NITRITE	0 01	MG/L	U	0 05	Y
70593	GW05390TE	REAL	10-Dec-96	SULFATE	3 1	MG/L	B	5	Y
70593	GW05390TE	REAL	10-Dec-96	TOTAL DISSOLVED SOLIDS	228	MG/L		10	Y
76992	GW05089TE	REAL	16-Apr-96	NITRATE/NITRITE	2 4	MG/L		0 25	Y
B206989	GW03132GA	REAL	22-Jan-96	NITRATE/NITRITE	46 2	MG/L		1 2	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
4087	GW05038TE	REAL	26-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BROMOBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BROMOFORM	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	BROMOMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CHLOROETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CHLOROFORM	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	CUMENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	DIBROMOMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	ETHYLBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	NAPHTHALENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	P-CYMENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	STYRENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TOLUENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
4087	GW05038TE	REAL	26-Apr-96	TOTAL XYLEMES	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TRICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
4087	GW05038TE	REAL	26-Apr-96	VINYL CHLORIDE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BROMOBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BROMOFORM	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	BROMOMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CHLOROBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CHLOROETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CHLORFORM	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	CUMENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	DIBROMOMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	ETHYLBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	NAPHTHALENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	P-CYMENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
4087	GW05174TE	REAL	16-Jul-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	STYRENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TOLUENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TOTAL XYLEMES	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TRICHLOROETHENE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	TRICHLOROFUOROMETHANE	1	UG/L	U	1	Y
4087	GW05174TE	REAL	16-Jul-96	VINYL CHLORIDE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BROMOBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BROMOFORM	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	BROMOMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CHLOROBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CHLOROETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CHLOROFORM	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CHLOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	CUMENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	DIBROMOMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	ETHYLBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
52894	GW05039TE	REAL	23-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	NAPHTHALENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	P-CYMENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	STYRENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TOLUENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TOTAL XYLEMES	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TRICHLOROETHENE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
52894	GW05039TE	REAL	23-Apr-96	VINYL CHLORIDE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BROMOBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BROMOFORM	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	BROMOMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CHLOROBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CHLOROETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CHLOROFORM	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CHLOROMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	CUMENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
5887	GW03107GA	REAL	8-Feb-96	DIBROMOMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	ETHYLBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	NAPHTHALENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	P-CYMENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	STYRENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TOLUENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TOTAL XYLEMES	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	TRICHLOROETHENE	0.6	UG/L	J	1	Y
5887	GW03107GA	REAL	8-Feb-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
5887	GW03107GA	REAL	8-Feb-96	VINYL CHLORIDE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BROMOBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BROMOFORM	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	BROMOMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CHLOROETHANE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
5887	GW05041TE	REAL	10-Apr-96	CHLOROFORM	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CHLOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	CUMENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	DIBROMOMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	ETHYLBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	NAPHTHALENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	P-CYMENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	STYRENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TOLUENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TOTAL XYLEMES	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	TRICHLOROETHENE	0.7	UG/L	J	1	Y
5887	GW05041TE	REAL	10-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
5887	GW05041TE	REAL	10-Apr-96	VINYL CHLORIDE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	BENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	BENZENE 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	BROMOBENZENE	1	UG/L	U	1	Y
5887	GW05176TE	REAL	15-Aug-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
5887	GW05176TE	REAL	15-Aug-96	BROMODICHLOROMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	BROMOFORM	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	BROMOMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CARBON TETRACHLORIDE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CHLOROBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CHLOROETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CHLOROFORM	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CHLOROMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	CUMENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	DIBROMOCHLOROMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	DIBROMOMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	DICHLORODIFLUOROMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	ETHYLBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	HEXACHLOROBUTADIENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	METHYLENE CHLORIDE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	N-BUTYLBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	N-PROPYLBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	NAPHTHALENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	O-CHLOROTOLUENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	P-CHLOROTOLUENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	P-CYMENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	SEC-BUTYLBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	SEC-DICHLOROPROPANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	STYRENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TERT-BUTYLBENZENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TETRACHLOROETHENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TOLUENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TOTAL XYLEMES	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	TRICHLOROETHENE	0.6	UG/L	J		1 Y
5887	GW05176TE	REAL	15-Aug-96	TRICHLOROFLUOROMETHANE	1	UG/L	U		1 Y
5887	GW05176TE	REAL	15-Aug-96	VINYL CHLORIDE	1	UG/L	U		1 Y
6687	GW03109GA	REAL	16-Jan-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1,1-TRICHLOROETHANE	25	UG/L			1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1,2-TRICHLOROETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1-DICHLOROETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1-DICHLOROETHENE	8	UG/L			1 V1
6687	GW03109GA	REAL	16-Jan-96	1,1-DICHLOROPROPENE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2-DIBROMOETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2-DICHLOROBENZENE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2-DICHLOROETHANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,2-DICHLOROPROPANE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,3-DICHLOROBENZENE	1	UG/L	U		1 V1
6687	GW03109GA	REAL	16-Jan-96	1,3-DICHLOROPROPANE	1	UG/L	U		1 V1

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
6687	GW03109GA	REAL	16-Jan-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BROMOBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BROMOCHLOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BROMODICHLOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BROMOFORM	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	BROMOMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CARBON TETRACHLORIDE	1	UG/L		1	V1
6687	GW03109GA	REAL	16-Jan-96	CHLOROBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CHLOROETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CHLOROFORM	0.4	UG/L	J	1	V1
6687	GW03109GA	REAL	16-Jan-96	CHLOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	CUMENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	DIBROMOMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	ETHYLBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	METHYLENE CHLORIDE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	N-BUTYLBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	N-PROPYLBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	NAPHTHALENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	O-CHLOROTOLUENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	P-CHLOROTOLUENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	P-CYMENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	SEC-BUTYLBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	STYRENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TERT-BUTYLBENZENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TETRACHLOROETHENE	1	UG/L		1	V1
6687	GW03109GA	REAL	16-Jan-96	TOLUENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TOTAL XYLEMES	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	TRICHLOROETHENE	8	UG/L		1	V1
6687	GW03109GA	REAL	16-Jan-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	V1
6687	GW03109GA	REAL	16-Jan-96	VINYL CHLORIDE	1	UG/L	U	1	V1
6687	GW05022TE	REAL	16-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L		1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1,1-TRICHLOROETHANE	16	UG/L		1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1-DICHLOROETHENE	5	UG/L		1	Y
6687	GW05022TE	REAL	16-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
6687	GW05022TE	REAL	16-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BROMOBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BROMOFORM	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	BROMOMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CARBON TETRACHLORIDE	0.7	UG/L	J	1	Y
6687	GW05022TE	REAL	16-Apr-96	CHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CHLOROETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CHLOROFORM	0.2	UG/L	J	1	Y
6687	GW05022TE	REAL	16-Apr-96	CHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	CUMENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	DIBROMOMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	ETHYLBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	NAPHTHALENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	P-CYMENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	STYRENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TETRACHLOROETHENE	0.9	UG/L	J	1	Y
6687	GW05022TE	REAL	16-Apr-96	TOLUENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TOTAL XYLEMES	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	TRICHLOROETHENE	5	UG/L		1	Y
6687	GW05022TE	REAL	16-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
6687	GW05022TE	REAL	16-Apr-96	VINYL CHLORIDE	1	UG/L	U	1	Y
6687	GW05212TE	REAL	14-Aug-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
6687	GW05212TE	REAL	14-Aug-96	1,1,1-TRICHLOROETHANE	17	UG/L		1	Y
6687	GW05212TE	REAL	14-Aug-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
6687	GW05212TE	REAL	14-Aug-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
6687	GW05212TE	REAL	14-Aug-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,1-DICHLOROETHENE	5	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BROMOBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BROMOFORM	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	BROMOMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CARBON TETRACHLORIDE	0.7	UG/L	J	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CHLOROBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CHLOROETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CHLOROFORM	0.3	UG/L	J	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CHLOROMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	CUMENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	ETHYLBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	NAPHTHALENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	P-CYMENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	STYRENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TETRACHLOROETHENE	0.9	UG/L	J	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TOLUENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
6687	GW05212TE	REAL	14-Aug-96	TRICHLOROETHENE	5	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
6687	GW05212TE	REAL	14-Aug-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
6687	GW05212TE	REAL	14-Aug-96	VINYL CHLORIDE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1,1-TRICHLOROETHANE	19	UG/L		1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1-DICHLOROETHENE	7	UG/L		1	Y
6687	GW05355TE	REAL	13-Nov-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BROMOBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BROMOFORM	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	BROMOMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CARBON TETRACHLORIDE	0.9	UG/L	J	1	Y
6687	GW05355TE	REAL	13-Nov-96	CHLOROBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CHLOROETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CHLOROFORM	0.3	UG/L	J	1	Y
6687	GW05355TE	REAL	13-Nov-96	CHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	CUMENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	DIBROMOMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	ETHYLBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	NAPHTHALENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	P-CYMENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	PROPANE, 1,2-DIBromo-3-CHLORO	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	STYRENE	1	UG/L	U	1	Y
6687	GW05355TE	REAL	13-Nov-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
6687	GW05355TE	REAL	13-Nov-96	TETRACHLOROETHENE	1	UG/L		1 Y	
6687	GW05355TE	REAL	13-Nov-96	TOLUENE	1	UG/L	U	1 Y	
6687	GW05355TE	REAL	13-Nov-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
6687	GW05355TE	REAL	13-Nov-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
6687	GW05355TE	REAL	13-Nov-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
6687	GW05355TE	REAL	13-Nov-96	TRICHLOROETHENE	6	UG/L		1 Y	
6687	GW05355TE	REAL	13-Nov-96	TRICHLOROFUOROMETHANE	1	UG/L	U	1 Y	
6687	GW05355TE	REAL	13-Nov-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1,1-TRICHLOROETHANE	0.5	UG/L	J	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BROMOBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BROMOFORM	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	BROMOMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CHLOROETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CHLOROFORM	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	CUMENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	NAPHTHALENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70093	GW03116GA	REAL	29-Feb-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det Lim	Val
70093	GW03116GA	REAL	29-Feb-96	P-CYMENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	STYRENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TOLUENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TOTAL XYLEMES	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TRICHLOROETHENE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
70093	GW03116GA	REAL	29-Feb-96	VINYL CHLORIDE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1,1-TRICHLOROETHANE	0.5	UG/L	J	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BROMOBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BROMOFORM	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	BROMOMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CHLOROETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CHLOROFORM	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	CUMENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	DIBROMOMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	ETHYLBENZENE	1	UG/L	U	1	Y
70093	GW05116TE	REAL	20-Jun-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70093	GW05116TE	REAL	20-Jun-96	METHYLENE CHLORIDE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	N-BUTYLBENZENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	N-PROPYLBENZENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	NAPHTHALENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	O-CHLOROTOLUENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	P-CHLOROTOLUENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	P-CYMENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	SEC-BUTYLBENZENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	SEC-DICHLOROPROPANE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	STYRENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TERT-BUTYLBENZENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TETRACHLOROETHENE	0 1	UG/L	J		1 Y
70093	GW05116TE	REAL	20-Jun-96	TOLUENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TOTAL XYLEMES	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TRICHLOROETHENE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	TRICHLOROFLUOROMETHANE	1	UG/L	U		1 Y
70093	GW05116TE	REAL	20-Jun-96	VINYL CHLORIDE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1,1-TRICHLOROETHANE	0 4	UG/L	J		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1,2-TRICHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1-DICHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1-DICHLOROETHENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,1-DICHLOROPROPENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2-DIBROMOETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2-DICHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2-DICHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,2-DICHLOROPROPANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,3-DICHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,3-DICHLOROPROPANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	1,4-DICHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BROMOBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BROMOCHLOROMETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BROMODICHLOROMETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BROMOFORM	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	BROMOMETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CARBON TETRACHLORIDE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CHLOROBENZENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CHLOROETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CHLOROFORM	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CHLOROMETHANE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
70093	GW05178TE	REAL	29-Aug-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70093	GW05178TE	REAL	29-Aug-96	CUMENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	DIBROMOMETHANE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	ETHYLBENZENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	NAPHTHALENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	P-CYMENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	STYRENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TOLUENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TOTAL XYLEMES	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TRICHLOROETHENE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
70093	GW05178TE	REAL	29-Aug-96	VINYL CHLORIDE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1,1-TRICHLOROETHANE	0.5	UG/L	J	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BROMOBENZENE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BROMOFORM	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	BROMOMETHANE	1	UG/L	U	1	Y
70093	GW05423TE	REAL	5-Dec-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70093	GW05423TE	REAL	5-Dec-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CHLOROETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CHLOROFORM	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	CUMENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	NAPHTHALENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	P-CYMENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	STYRENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TETRACHLOROETHENE	0.1	UG/L	J	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TOLUENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	TRICHLOROFUOROMETHANE	1	UG/L	U	1 Y	
70093	GW05423TE	REAL	5-Dec-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	BENZENE	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70193	GW03127GA	REAL	27-Feb-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70193	GW03127GA	REAL	27-Feb-96	BROMOBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	BROMOCHLOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	BROMODICHLOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	BROMOFORM	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	BROMOMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CARBON TETRACHLORIDE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CHLOROBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CHLOROETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CHLOROFORM	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CHLOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	CUMENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	DBROMOCHLOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	DBROMOMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	DICHLORODIFLUOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	ETHYLBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	HEXACHLOROBUTADIENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	METHYLENE CHLORIDE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	N-BUTYLBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	N-PROPYLBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	NAPHTHALENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	O-CHLOROTOLUENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	P-CHLOROTOLUENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	P-CYMENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	SEC-BUTYLBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	SEC-DICHLOROPROPANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	STYRENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TERT-BUTYLBENZENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TETRACHLOROETHENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TOLUENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TOTAL XYLEMES	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TRICHLOROETHENE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	TRICHLOROFLUOROMETHANE	1	UG/L	U		1 Y
70193	GW03127GA	REAL	27-Feb-96	VINYL CHLORIDE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1,1-TRICHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1-DICHLOROETHENE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U		1 Y
70193	GW05023TE	REAL	9-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U		1 Y

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Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70193	GW05023TE	REAL	9-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BROMOBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BROMOFORM	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	BROMOMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CHLOROBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CHLOROETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CHLOROFORM	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CHLOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	CUMENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	DIBROMOMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	ETHYLBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	NAPHTHALENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	P-CYMENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	STYRENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TOLUENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TOTAL XYLEMES	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TRICHLOROETHENE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
70193	GW05023TE	REAL	9-Apr-96	VINYL CHLORIDE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
70193	GW05214TE	REAL	30-Aug-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y

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Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70193	GW05214TE	REAL	30-Aug-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BROMOBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BROMOFORM	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	BROMOMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CHLOROFORM	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	CUMENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	NAPHTHALENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	P-CYMENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	PROPANE, 1,2-DIBromo-3-CHLORO	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	STYRENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TOLUENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70193	GW05214TE	REAL	30-Aug-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70193	GW05389TE	REAL	25-Nov-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	-
70193	GW05389TE	REAL	25-Nov-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BROMOBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BROMOFORM	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	BROMOMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CHLOROETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CHLOROFORM	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	CUMENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	NAPHTHALENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	P-CYMENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	STYRENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TOLUENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70193	GW05389TE	REAL	25-Nov-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70193	GW05389TE	REAL	25-Nov-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1,1-TRICHLOROETHANE	37	UG/L		1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1-DICHLOROETHANE	1	UG/L		1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1-DICHLOROETHENE	12	UG/L		1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BROMOBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BROMOFORM	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	BROMOMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CARBON TETRACHLORIDE	0.7	UG/L	J	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CHLOROETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CHLOROFORM	0.3	UG/L	J	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CIS-1,2-DICHLOROETHENE	0.4	UG/L	J	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	CUMENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	NAPHTHALENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	P-CYMENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70393	GW03128GA	REAL	14-Mar-96	STYRENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TETRACHLOROETHENE	5	UG/L		1 Y	
70393	GW03128GA	REAL	14-Mar-96	TOLUENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	TRICHLOROETHENE	20	UG/L		1 Y	
70393	GW03128GA	REAL	14-Mar-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70393	GW03128GA	REAL	14-Mar-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1,1-TRICHLOROETHANE	31	UG/L		1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1-DICHLOROETHANE	0.9	UG/L	J	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1-DICHLOROETHENE	12	UG/L		1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BROMOBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BROMOFORM	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	BROMOMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CARBON TETRACHLORIDE	0.7	UG/L	J	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CHLOROETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CHLOROFORM	0.2	UG/L	J	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CIS-1,2-DICHLOROETHENE	0.4	UG/L	J	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	CUMENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	NAPHTHALENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70393	GW05215TE	REAL	18-Sep-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	P-CYMENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	PROPANE 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	STYRENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TETRACHLOROETHENE	5	UG/L		1 Y	
70393	GW05215TE	REAL	18-Sep-96	TOLUENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TRANS-1 2-DICHLOROETHENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	TRICHLOROETHENE	18	UG/L		1 Y	
70393	GW05215TE	REAL	18-Sep-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70393	GW05215TE	REAL	18-Sep-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1,1-TRICHLOROETHANE	0.6	UG/L	J	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1-DICHLOROETHENE	0.2	UG/L	J	1 Y	
70493	GW05085TE	REAL	9-May-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BROMOBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BROMOFORM	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	BROMOMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CHLOROFORM	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	CUMENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70493	GW05085TE	REAL	9-May-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	NAPHTHALENE	0 3	UG/L	J	1 Y	
70493	GW05085TE	REAL	9-May-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	P-CYMENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	STYRENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TOLUENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70493	GW05085TE	REAL	9-May-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1,1-TRICHLOROETHANE	0 5	UG/L	J	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BROMOBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BROMOFORM	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	BROMOMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CHLOROETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CHLOROFORM	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CHLOROMETHANE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70493	GW05318TE	REAL	7-Nov-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	CUMENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	HEXAChLOROBUTADIENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	NAPHTHALENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	P-CYMENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	PROPANE, 1,2-DIBromo-3-CHLORO	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	STYRENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TOLUENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TRICHLOROETHENE	0.8	UG/L	J	1 Y	
70493	GW05318TE	REAL	7-Nov-96	TRICHLOROFUOROMETHANE	1	UG/L	U	1 Y	
70493	GW05318TE	REAL	7-Nov-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BROMOBENZENE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW03129GA	REAL	29-Feb-96	BROMOFORM	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70593	GW03129GA	REAL	29-Feb-96	BROMOMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CHLOROBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CHLOROETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CHLOROFORM	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CHLOROMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	CUMENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	DIBROMOMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	ETHYLBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	HEXAFLUOROBUTADIENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	N-BUTYLBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	N-PROPYLBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	NAPHTHALENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	O-CHLOROTOLUENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	P-CHLOROTOLUENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	P-CYMENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	SEC-BUTYLBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	STYRENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TERT-BUTYLBENZENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TETRACHLOROETHENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TOLUENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TOTAL XYLEMES	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TRICHLOROETHENE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	Y
70593	GW03129GA	REAL	29-Feb-96	VINYL CHLORIDE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
70593	GW05136TE	REAL	9-May-96	BENZENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70593	GW05136TE	REAL	9-May-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BROMOBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BROMOFORM	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	BROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CHLOROFORM	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	CUMENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	NAPHTHALENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	P-CYMENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	PROPANE, 1,2-DIBromo-3-CHLORO	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	STYRENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TOLUENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05136TE	REAL	9-May-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70593	GW05217TE	REAL	10-Sep-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BROMOBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BROMOFORM	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	BROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CHLOROFORM	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	CUMENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	METHYLENE CHLORIDE	0.8	UG/L	J	1 Y	
70593	GW05217TE	REAL	10-Sep-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	NAPHTHALENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	P-CYMENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	PROPANE, 1,2-DIBromo-3-CHLORO	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	STYRENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TOLUENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05217TE	REAL	10-Sep-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1,2 2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
70593	GW05390TE	REAL	10-Dec-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BROMOBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BROMOFORM	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	BROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CHLOROBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CHLOROETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CHLOROFORM	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	CUMENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	ETHYLBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	NAPHTHALENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	P-CYMENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	STYRENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TOLUENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
70593	GW05390TE	REAL	10-Dec-96	VINYL CHLORIDE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
76992	GW05089TE	REAL	16-Apr-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1-DICHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1-DICHLOROETHENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2-DIBROMOETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2-DICHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BROMOBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BROMOCHLOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BROMODICHLOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BROMOFORM	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	BROMOMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CARBON TETRACHLORIDE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CHLOROBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CHLOROETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CHLOROFORM	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CHLOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	CUMENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	DIBROMOMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	ETHYLBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	METHYLENE CHLORIDE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	N-BUTYLBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	NAPHTHALENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	P-CYMENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	STYRENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TOLUENE	1	UG/L	U	1 Y	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
76992	GW05089TE	REAL	16-Apr-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1 Y	
76992	GW05089TE	REAL	16-Apr-96	VINYL CHLORIDE	1	UG/L	U	1 Y	
B206989	GW03132GA	REAL	22-Jan-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,1-DICHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,1-DICHLOROPROPENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2-DIBROMOETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2-DICHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2-DICHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,2-DICHLOROPROPANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,3-DICHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,3-DICHLOROPROPANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	1,4-DICHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BROMOBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BROMOCHLOROMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BROMODICHLOROMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BROMOFORM	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	BROMOMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CARBON TETRACHLORIDE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CHLOROBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CHLOROETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CHLOROFORM	0.2	UG/L	J	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CHLOROMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	CUMENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	DIBROMOMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	ETHYLBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	HEXACHLOROBUTADIENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	METHYLENE CHLORIDE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	N-BUTYLBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	N-PROPYLBENZENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	NAPHTHALENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	O-CHLOROTOLUENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	P-CHLOROTOLUENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	P-CYMENE	1	UG/L	U	1 V1	
B206989	GW03132GA	REAL	22-Jan-96	PROPANE, 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 V1	

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
B206989	GW03132GA	REAL	22-Jan-96	SEC-BUTYLBENZENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	SEC-DICHLOROPROPANE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	STYRENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TERT-BUTYLBENZENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TETRACHLOROETHENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TOLUENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TOTAL XYLEMES	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TRICHLOROETHENE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	TRICHLOROFLUOROMETHANE	1	UG/L	U	1	V1
B206989	GW03132GA	REAL	22-Jan-96	VINYL CHLORIDE	1	UG/L	U	1	V1
B206989	GW05179TE	REAL	16-Jul-96	1,1,1,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1,1-TRICHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1,2,2-TETRACHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1,2-TRICHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1-DICHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1-DICHLOROETHENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,1-DICHLOROPROPENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2,3-TRICHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2,3-TRICHLOROPROPANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2,4-TRICHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2-DIBROMOETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2-DICHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2-DICHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,2-DICHLOROPROPANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,3-DICHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,3-DICHLOROPROPANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	1,4-DICHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BENZENE, 1,2,4-TRIMETHYL-	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BENZENE, 1,3,5-TRIMETHYL-	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BROMOBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BROMOCHLOROMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BROMODICHLOROMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BROMOFORM	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	BROMOMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CARBON TETRACHLORIDE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CHLOROBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CHLOROETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CHLOROFORM	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CHLOROMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CIS-1,2-DICHLOROETHENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CIS-1,3-DICHLOROPROPENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	CUMENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	DIBROMOCHLOROMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	DIBROMOMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	DICHLORODIFLUOROMETHANE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	ETHYLBENZENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	HEXACHLOROBUTADIENE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	METHYLENE CHLORIDE	1	UG/L	U	1	Y
B206989	GW05179TE	REAL	16-Jul-96	N-BUTYLBENZENE	1	UG/L	U	1	Y

Appendix A
Analytical Data for Volatile Organic Compounds

Location	Sample Number	QC Type	Date	Analyte	Result	Units	Q	Det.Lim	Val
B206989	GW05179TE	REAL	16-Jul-96	N-PROPYLBENZENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	NAPHTHALENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	O-CHLOROTOLUENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	P-CHLOROTOLUENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	P-CYMENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	PROPANE 1,2-DIBROMO-3-CHLORO	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	SEC-BUTYLBENZENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	SEC-DICHLOROPROPANE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	STYRENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TERT-BUTYLBENZENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TETRACHLOROETHENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TOLUENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TOTAL XYLEMES	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TRANS-1,2-DICHLOROETHENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TRANS-1,3-DICHLOROPROPENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TRICHLOROETHENE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	TRICHLOROFUOROMETHANE	1	UG/L	U	1 Y	
B206989	GW05179TE	REAL	16-Jul-96	VINYL CHLORIDE	1	UG/L	U	1 Y	

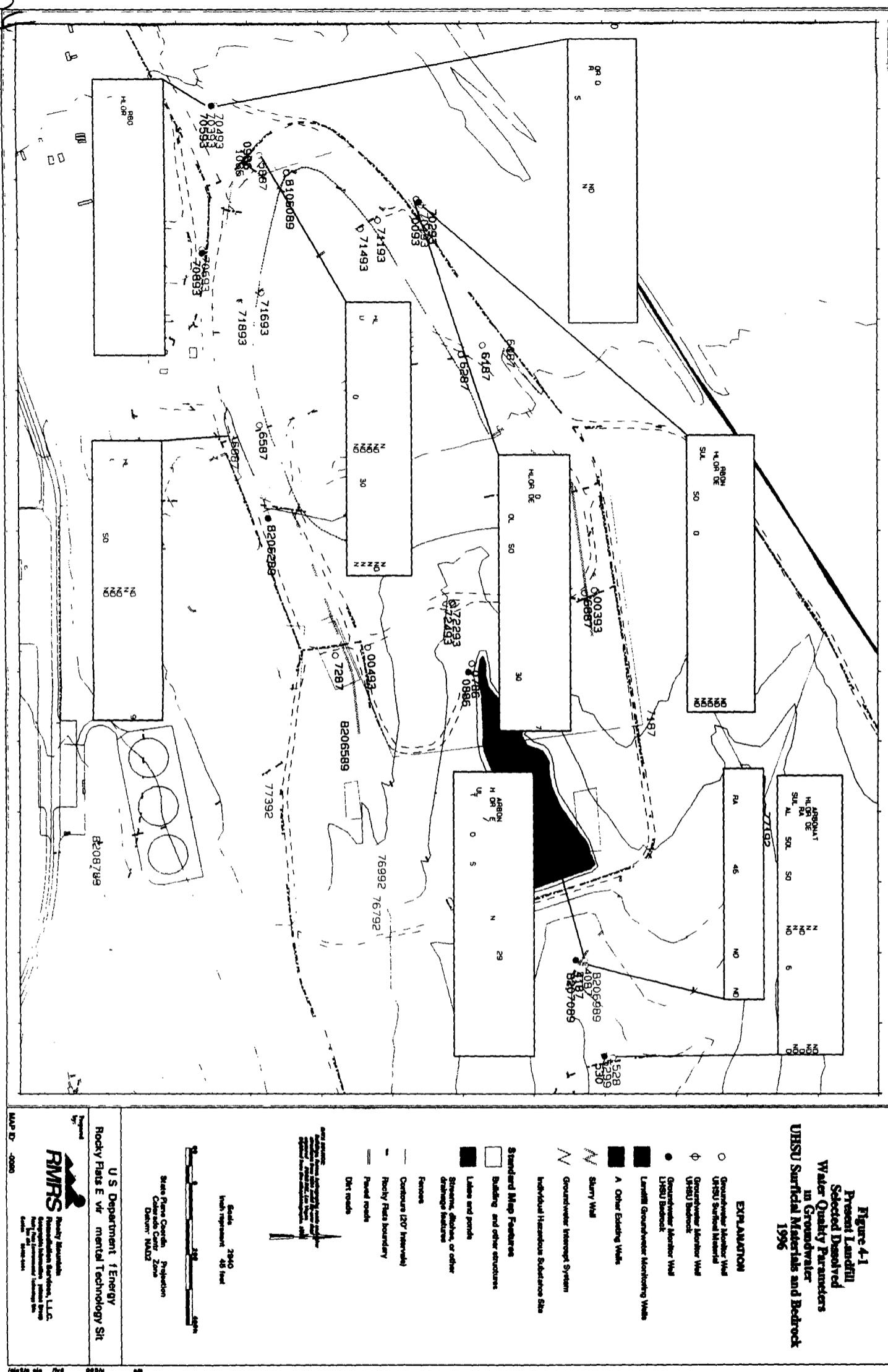


Figure 4-1
**Present Landfill
 Selected Dissolved
 Water Quality Parameters
 in Groundwater**
UHSU Surficial Materials and Bedrock

Figure 4-2
**Present Landfill
 Selected Dissolved Metals
 in Groundwater
 UHSU Surface Materials and Bedrock**

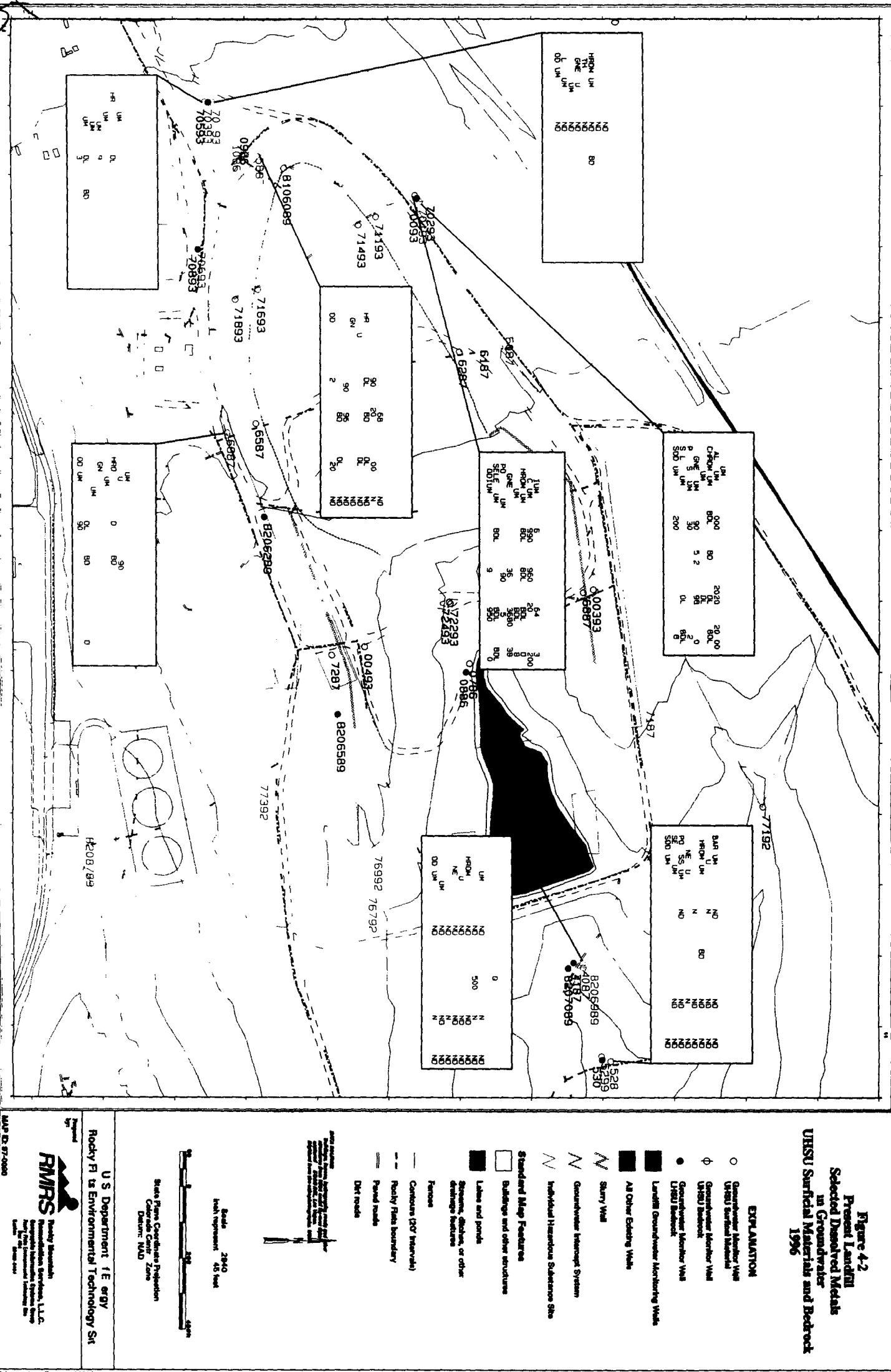


Figure 4-3
Present Landfill
Selected Dissolved Radionuclides
in Groundwater
UHSJ Surficial Materials and Bedrock
100%

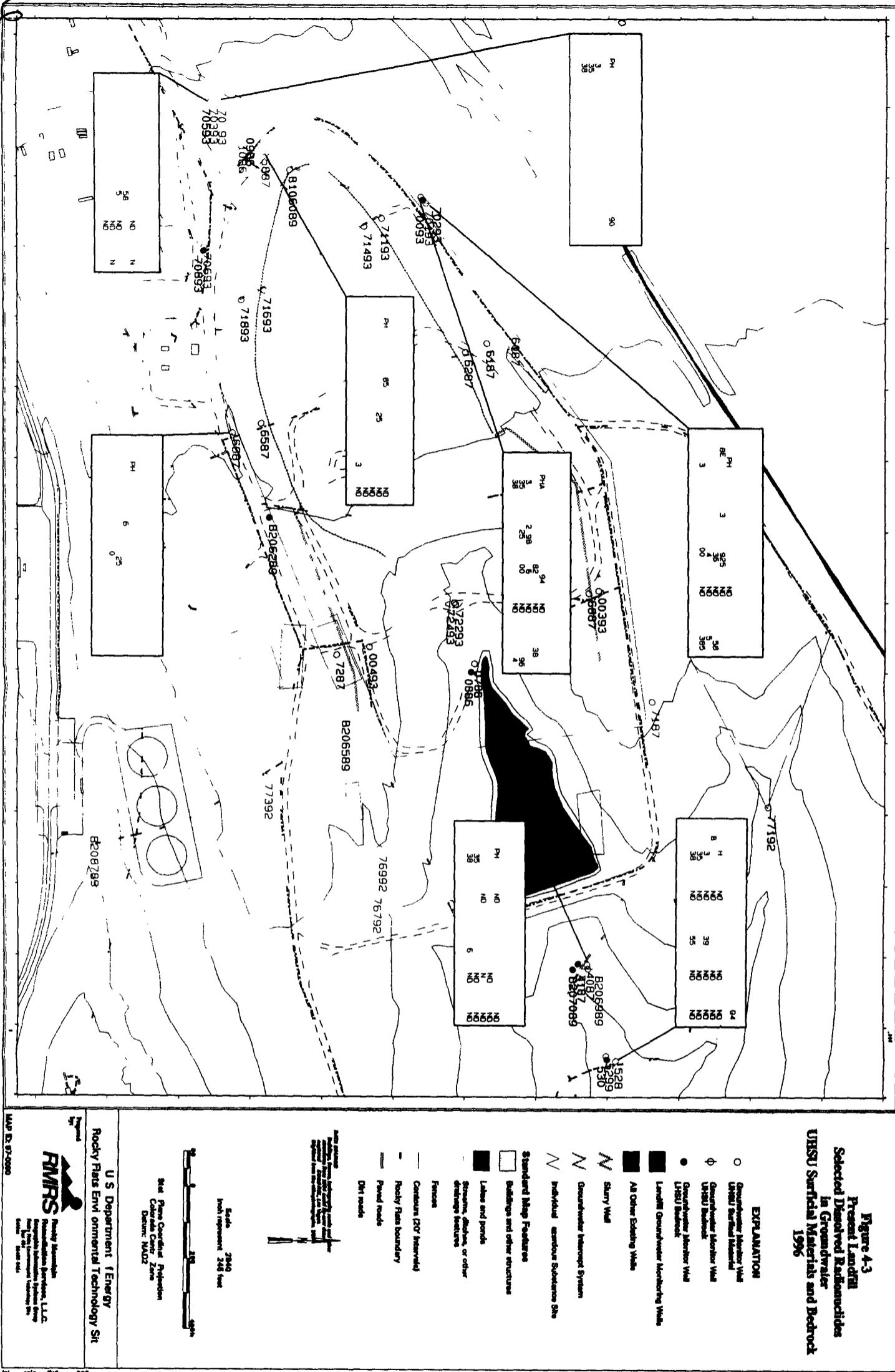


Figure 4-4
**Present Landfill
 Selected Dissolved VOCs
 in Groundwater
 UHSU Surface Materials and Bedrock
 1996**

